

DeveloperWeek 2024 has ended

Create Your Own Event

- Schedule

- Simple **Expanded** Grid By Venue Speakers

- Sponsors

or browse by date + venue 1. Badge Pick-up & Registration 2. Experiences & Official Events 3.

Expo Hours 4. Hackathon 5. KEYNOTES & FEATURED TALKS AI & Machine Learning

Conference API & Microservices Conference Cloud-Native Conference Data Engineering

Conference Dev Innovation Conference Dev Exec Summit Dev Lead Conference Dev Ops

Summit Frontend Conference OPEN Talks Product World Security Summit Certificates AI & ML

Certificate API Certificate Cloud Management Certificate Data Certificate Dev

Leadership Certificate Dev Ops Certificate JavaScript Certificate Product

Certificate Security Certificate Talk Type OPEN Talk PRO TALK PRO WORKSHOP Track

or Conference AI & Machine Learning Conference API & Microservices Conference Cloud

Native Conference Data Engineering Conference Dev Innovation Conference Dev Exec

Summit Dev Lead Conference Dev Ops Summit Dev Tech Strategy Summit Enterprise

Summit Frontend Conference JavaScript Conference Methodology: Agile/Rapid

Prototyping/SCRUM (Product World) OPEN Talk Product Lifecycle & Case Studies

(Product World) Product Management Software & Innovation (Product World) Product Manager

Roundtable Talks (Product World) Product Teams: Managers & Developers & Designers UI/UX

(Product World) Product World Security Summit VIRTUAL In-Person/Virtual In

Person Virtual Virtual Exclusive

Sign up or **log in** to bookmark your favorites and sync them to your phone or calendar.

tune Filter sessions

Simple
Expanded
Grid
By Venue

Tuesday, February 20

1:00pm PST

Registration Open: Early Badge Pick Up

Pick up your DeveloperWeek or ProductWorld 2024 Attendee Badge at the Oakland Convention Center Lobby from 1:00pm - 5:00pm!

Tuesday February 20, 2024 1:00pm - 5:00pm PST

[Oakland Convention Center - Lobby](#)

1. Badge Pick-up & Registration

- **In-Person/Virtual** [In Person](#)

Wednesday, February 21

11:00am PST

Registration Open: Badge Pick Up

Pick up your DeveloperWeek or ProductWorld 2024 Attendee Badge at the Oakland Convention Center Lobby from 11:00am - 9:00pm!

Wednesday February 21, 2024 11:00am - 9:00pm PST

[Oakland Convention Center - Lobby](#)

1. Badge Pick-up & Registration

- **In-Person/Virtual** In Person

11:00am PST

Games Lounge

Games Lounge

Play a game or two as you wait for the next session to begin!

Wednesday February 21, 2024 11:00am - 9:00pm PST

Games Lounge

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

12:00pm PST

PRO WORKSHOP: Collaborative Creation: How We Built an API Ecosystem Hand-in-Hand with Developers

Hamza Habeeb, Adobe, Senior Developer Advocate

Imagine a journey where developers and a tech giant join forces to shape a thriving API ecosystem. In this captivating session, Hamza Habeeb, Adobe's developer relations expert, will take you on an adventure through the intricate process of building a robust API framework, all while fostering a strong partnership with the developer community.

Our story begins with the nurturing of a vibrant developer community, providing grants to ignite passion, and attracting enthusiastic participants. We'll share the excitement of venturing into beta testing, actively involving developers, and the triumphant moment of launching our developer add-on marketplace.

But our story doesn't end there. Discover how we embarked on a continuous journey of improvement, guided by invaluable user feedback. We'll unveil the development of essential features like 'sharable links', moments that changed our teams direction, and share our experiences in enhancing the

developer experience.

And upon our launch, the vibrant world of add-ons, powered by these APIs, found its way into the hands of countless Express users worldwide. This not only extended the creative horizons of users but also provided a new avenue for developers to connect with an ever-expanding audience.

Our journey of creating the thriving Express developer ecosystem has indeed come full circle, and we're thrilled to guide you through every step of this remarkable odyssey.

This session extends a warm invitation to immerse yourself in a realm where strategies, challenges, and triumphs seamlessly interweave. Whether you're an API strategist, a developer, or simply curious about the art of forging robust developer partnerships, our story is sure to ignite your inspiration and equip you with tangible insights to script your own tale of triumph.

Speakers



Hamza Habeeb

Senior Developer Advocate, Adobe

Meet Hamza, Adobe Express' friendly face with over 8 years in developer relations. As an advocate, he runs hackathons and workshops, championing innovation while ensuring developers' voices are heard. A seasoned speaker at events like DevRelCon London and NASA's JPL, Hamza loves teaching...

[Read More →](#)

Wednesday February 21, 2024 12:00pm - 12:50pm PST

[PRO Stage A](#)

[API & Microservices Conference](#)

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [API & Microservices Conference](#)
- **In-Person/Virtual** [In Person](#)

12:00pm PST

[PRO WORKSHOP: A Developer Self-Service Experience for Edge and IoT Come True](#)

Amy Simonson, Avassa, Marketing Manager

Carl Moberg, Avassa, CTO and co-founder

Enough manual actions. Enough slow handovers. And enough K8mplexity.

For many innovative enterprises today, the journey to the centralized cloud has shaped the way of working when it comes to container orchestration and observability. Now, developers and IT teams are increasingly also managing containers at the distributed on-site edge and in IoT environments, which risk becoming a mind-boggling task due to the resource-constrained, distant nature of IoT and edge.

In this session, we address the challenges related to deploying, monitoring,

observing, and securing container applications at the edge. We also present hands-on examples of what a self-service developer experience can look like for the container applications at the distributed edge and IoT infrastructure. It's automated, it's application-centric and it's astonishingly easy.

Speakers



[Carl Moberg](#)

CTO and co-founder, Avassa

Carl has spent many years solving for automation and orchestration. He started building customer service platforms for ISPs back when people used dial-up for their online activities. He then moved on to focus on making multi-vendor networks programmable through model-driven architectures... [Read More →](#)



[Amy Simonson](#)

Marketing Manager, Avassa

Amy is an experienced marketing professional who thrives right in the intersection between deep tech and marketing. She is currently the marketing manager of Swedish Edge Platform provider Avassa, who are set out to make the distributed on-site edge delightfully easy to manage. Amy...

[Read More →](#)

Wednesday February 21, 2024 12:00pm - 12:50pm PST

PRO Stage B

Cloud-Native Conference

- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

12:00pm PST

PRO WORKSHOP: Supercharging Performance Testing: Bridging the Gap Between Backend and Frontend with k6

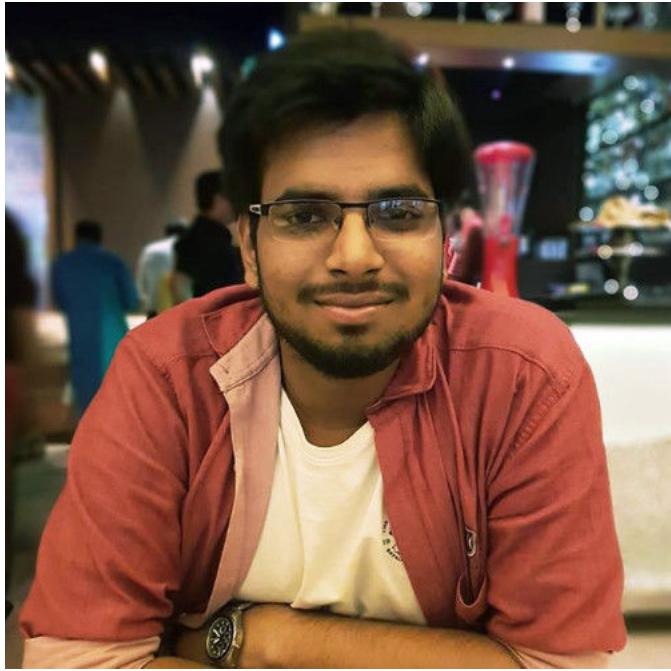
Ayush Goyal, Grafana Labs, Senior Software Engineer

A very key aspect of software engineering is ensuring your application performs optimally under heavy load. In this talk, the speaker will introduce k6, an open-source tool that integrates protocol-based load testing and browser testing.

The talk will start off by introducing the audience to the basics of protocol-based load testing and how it can empower developers to assess the resilience and scalability of backend systems. Next, we'll dive deep into the nitty gritty of k6, learning how it can enable us to simulate real-world user scenarios and uncover bottlenecks. After that, we will see how k6 provides valuable insights about an application under heavy load and how it can bring backend and frontend performance evaluations together.

By the end of this session, the audience will be armed with the knowledge and tools needed to supercharge your performance testing strategy, ensuring that applications not only withs

Speakers



Ayush Goyal

Senior Software Engineer, Grafana Labs

Ayush is a Senior Software Engineer at Grafana Labs. Previously, he was working at Postman and before that, he was the CTO at Anveshan and earlier an SWE at Rippling. He is passionate about building software and also tinkers around with hardware at times. He is also a certified scuba... [Read More →](#)

Wednesday February 21, 2024 12:00pm - 12:50pm PST

[PRO Stage D](#)

[Data Engineering Conference](#)

- **Certificates** Data Certificate, DevOps Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** DevOps Summit, Data Engineering Conference
- **In-Person/Virtual** In Person

12:00pm PST

[PRO WORKSHOP: Practical Introduction to OpenTelemetry Tracing](#)

Nicolas Fränkel, Apache APISIX, Developer Advocate

Tracking a request's flow across different components in distributed systems is essential. With the rise of microservices, their importance has risen to critical levels. Some proprietary tools for tracking have been used already: Jaeger and Zipkin naturally come to mind.

Observability is built on three pillars: logging, metrics, and tracing. OpenTelemetry is a joint effort to bring an open standard to them. Jaeger and Zipkin joined the effort so that they are now OpenTelemetry compatible.

In this talk, I'll describe the above in more detail and showcase a (simple) use case to demo how you could benefit from OpenTelemetry in your distributed architecture.

Speakers



Nicolas Fränkel

Developer Advocate, Apache APISIX

Developer Advocate with 15+ years experience consulting for many different customers, in a wide range of contexts (such as telecoms, banking, insurances, large retail and public sector). Usually working on Java/Java EE and Spring technologies, but with focused interests like Rich... [Read More →](#)

Wednesday February 21, 2024 12:00pm - 12:50pm PST

[PRO Stage C](#)

[DevOps Summit](#)

- **Certificates** [Dev Leadership Certificate](#), [DevOps Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [DevOps Summit](#), [DevExec Summit](#)
- **In-Person/Virtual** [In Person](#)

12:00pm PST

[PRO WORKSHOP \(ProductWorld\): Making the Most of Failed Products: Pivoting Your Roadmap and Goals when Things Don't Go as Planned](#)

Lindsay Harman, SiriusXM, Senior Product Manager

Most professionals have worked on something that never ended up going live, or failed once it launched, which can be demoralizing and often lead to the mindset of “we wasted time”. In this workshop, participants will learn to assess why something didn’t launch or failed after launching, what they still have control over, and how to repurpose and learn from work already completed. After the learning portion, participants will, in small groups, put themselves in the shoes of product leaders for hypothetical products that hit some sort of failure or changing market conditions. Using what they learned, they’ll propose a pivot for the product and business and set new goals to move forward. This is an especially important skill to have as many PMs are facing changing market conditions and customer needs, as well as company resourcing, which can affect their roadmaps.

There are 3 learning outcomes:

- Identify why a product or product launch failed
 - Identify what you can control in moving forward
 - Develop a new roadmap and strategy, reusing as much previously completed work as makes sense
-

Speakers



[Lindsay Harman](#)

Senior Product Manager, SiriusXM

A design-minded systems thinker, currently working at SiriusXM Pandora, a communications platform company. She has also worked across fintech, automotive, and consumer electronics. Lindsay holds a B.A. in Linguistics from Wayne State University in Detroit, MI.

Wednesday February 21, 2024 12:00pm - 12:50pm PST

ProductWorld Main Stage

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** ProductWorld, Product Lifecycle & Case Studies (ProductWorld),
Product Manager Roundtable Talks (ProductWorld)
- **In-Person/Virtual** In Person

12:00pm PST

DeveloperWeek Certificate Program

<https://www.developerweek.com/certificates/>

Wednesday February 21, 2024 12:00pm - 6:00pm PST

2. Experiences & Official Events

- **In-Person/Virtual** In Person

12:00pm PST

PRO Workshop Day: DeveloperWeek + ProductWorld 2024

PREMIUM & PRO Pass holders: Join us for PRO Workshop Day @ DeveloperWeek 2024 (+ ProductWorld 2024)

REMINDER:

- **Wed, Feb 21** is PRO Workshop Day and is available ONLY to the following pass types: PREMIUM, PRO, SPEAKER PRO, SPONSOR PRO, EXHIBITOR, and MEDIA. See the full Workshop day schedule here: <https://www.developerweek.com/conference/workshops/>

- **OPEN Passes** have access to DeveloperWeek 2024 only on **Thu & Fri, Feb 22-23** to all 20+ Keynotes, 130+ OPEN Talks, and the 2-day Expo with 90+ exhibiting partners, games & swag challenges.
-

Wednesday February 21, 2024 12:00pm - 6:00pm PST

2. Experiences & Official Events

- **Talk Type** PRO WORKSHOP
- **In-Person/Virtual** In Person

1:00pm PST

PRO WORKSHOP: Event-Driven Architecture: Empowering Real-time Responsiveness with Event Consumers

Ojus Save, Zoom, Lead Developer Advocate

In today's fast-paced digital ecosystem, real-time responsiveness and adaptability are not just advantageous but essential for survival and growth. Event-Driven Architecture (EDA) emerges as a potent solution, enabling organizations to react to business events in real-time, ensuring seamless operations, and delivering superior user experiences. Central to EDA is the concept of Event Consumers, which process and react to event notifications. This session will delve into the intricacies of Event Consumers within an EDA, illustrating how they can be leveraged to create highly responsive, scalable, and resilient systems.

Speakers



Ojus Save

Lead Developer Advocate, Zoom

Ojus Milind Save is a Developer Advocate for the Zoom Platform since February of 2019. Ojus has a 7+ years of experience working in Developer Relations and Advocacy. He received his Masters Degree in Computer Science from Lamar University, Texas in 2016 and has worked with the Dialogflow... [Read More →](#)

Wednesday February 21, 2024 1:00pm - 1:50pm PST

[PRO Stage C](#)

[API & Microservices Conference](#)

- **Certificates** [Data Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference, Data Engineering Conference
- **In-Person/Virtual** In Person

1:00pm PST

PRO WORKSHOP: Feature Flags: How to Ship Faster, Safer, and Smarter

Dinesh Arora, Wells Fargo, Principal Engineer

Feature flags are a powerful tool that can help software teams ship faster, safer, and smarter. In this session, you will learn what feature flags are, how to use them effectively, and the many benefits they offer. We will cover topics such as:

- What are feature flags and how do they work?
- The benefits of using feature flags
- How to implement feature flags in your software development process
(Short demo using FF4J/Togglz)
- Best practices for using feature flags
- Case studies of how companies are using feature flags to achieve success

Who is this session for?

This session is for anyone who wants to learn more about feature flags and how to use them to improve their software development process.

Target audience:

- C-Suite executive
 - Product owners
 - DevOps/ Developers
 - Architects
-

Speakers



Dinesh Arora

Principal Engineer, Engineering strategy, Wells Fargo

Dinesh Arora is a Principal engineer at Wells Fargo. He is part of Engineering Strategy , where he is responsible for developing and executing the engineering strategy for the company's digital transformation. He has over 18 years of experience in the tech industry. Dinesh is passionate... [Read More](#)



Wednesday February 21, 2024 1:00pm - 1:50pm PST

[PRO Stage A](#)

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference
- **In-Person/Virtual** [In Person](#)

1:00pm PST

PRO WORKSHOP: Kubernetes Essentials

Rey Lejano, Red Hat, Kubernetes Field Engineer

Kubernetes is hard! This Kubernetes Essentials tutorial reviews the architecture, requirements, and history of Kubernetes. Including the installation, setup, and use of upstream Kubernetes along with requirements such as a Container Runtime Interface (CRI) compliant container runtime such as containerd, a Container Network Interface (CNI) plugin to implement the Kubernetes network model such as Cilium, etcd to store all Kubernetes cluster data, and Helm the Kubernetes package manager to deploy an application.

Speakers



Rey Lejano

Solutions Architect, Red Hat

Rey Lejano is Solutions Architect at Red Hat and currently serves as co-chair for Kubernetes Special Interest Group (SIG) Docs and helps maintain the upstream Kubernetes documentation. Rey leads the Kubernetes SIG Security Third-Party Security Audit subproject and helped release the... [Read More →](#)

Wednesday February 21, 2024 1:00pm - 1:50pm PST

[PRO Stage B](#)

[Cloud-Native Conference](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

1:00pm PST

[PRO WORKSHOP: Moving from Spaghetti Infrastructure to Composable Cloud Environments](#)

Kief Morris, Thoughtworks, Infra Engineering Principal

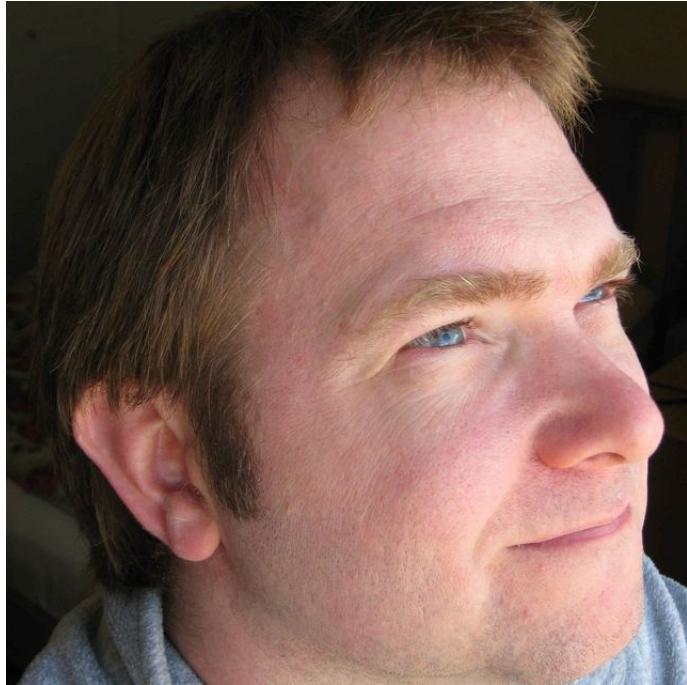
Running software in the cloud should help a digital business respond quickly to its customers needs and to business opportunities. The reality is that, even using Infrastructure as Code automation tools like Terraform and CDK, infrastructure and platform teams are stuck maintaining a fragile mess of custom scripts and environments, and find themselves as an overworked bottleneck rather than an enabler for value.

It's time we moved beyond spaghetti infrastructure architectures.

Kief Morris, the author of the O'Reilly book Infrastructure as Code and Thoughtworks global lead for infrastructure engineering practices, shares architectural patterns for infrastructure as code architecture, driven by three principles. The first principle is delivering infrastructure code as loosely coupled, composable components to share capabilities. The second is

application-driven provisioning to empower product teams to deliver value. The third is distributed consistency to ensure governance and operational quality.

Speakers



Kief Morris

Infra Engineering Principal, ThoughtWorks

Kief Morris is an Infrastructure Engineering Principal at ThoughtWorks, based in London. He works with various organizations and teams looking to improve how they use infrastructure automation tools and practices. Kief wrote the O'Reilly book "Infrastructure as Code" (<http://orei...> [Read More →](#)

Wednesday February 21, 2024 1:00pm - 1:50pm PST

[PRO Stage D](#)

[Cloud-Native Conference](#)

- **Certificates** [Cloud Management Certificate](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

1:00pm PST

PRO WORKSHOP (ProductWorld): A RADICL Sprint: Getting Product Alignment in Just One Day

Matt Schraan, Livefront, VP of Product Management

Jack Cunningham, Livefront, Director of Product Management

Patrick Riley, RADICL, Co-founder

Bria Knorr, RADICL, Head of Global Product

The early stages of bringing a new digital product to market are energizing, thrilling, challenging - and fraught with the risk of untested assumptions. Whether you are a startup, a product team, or an innovation team - all are equally susceptible to the perils of making big product investments with unvetted concepts.

To further complicate things, time is of the essence for most product teams striving to bring a new innovation to market. So how can you balance the need to thoroughly validate your product hypothesis with your imperative for speed? It's easier than you may think. In fact, you can build a solid foundation for generating a concept and forming a plan to test it in a single day!

In this session, we'll follow the story of the veteran entrepreneurs at RADICL, an active Minnesota startup creating a platform that empowers and inspires people and teams to achieve epic work - whatever and wherever that may be for them - by creating awareness, delivering insights, guiding possibilities, and giving them a voice in driving organizational success.

Partnering with RADICL along its journey is Livefront, a digital product studio focused on helping companies grow by building products people love.

We'll show highlights and take you "inside the room" from a recent discovery workshop completed in partnership between RADICL and Livefront, we'll share practical tips for how you can facilitate your own one-day discovery workshop, and we'd love to answer your questions along the way.

Speakers



Jack Cunningham

Director of Product Management, Livefront

As a digital product leader, Jack Cunningham excels in merging entrepreneurial thinking with omni-channel strategies. His deep expertise in native mobile, web, and CTV platforms has established him as a thought leader in the digital domain. His work is a blend of strategic insights... [Read More →](#)



Matt Schraan

VP of Product Management, Livefront

Matt Schraan leads Product Management at Livefront, where he focuses on helping organizations transform and unlock growth through product-led strategies. During his time at Livefront, Matt has taken great pride in establishing a product management practice comprised of curious, tenacious... [Read More →](#)



[Patrick Riley](#)
Co-founder, RADICL

Patrick is a veteran work technology entrepreneur, feature film producer, and investor. He is the co-founder of RADICL, a software company unlocking epic work experiences for everyone. Patrick was the CEO and co-founder of Modern Survey, an industry-leading employee engagement and... [Read More →](#)



[Bria Knorr](#)
Head of Global Product, RADICL

Bria Knorr is a product and technology leader passionate about building great enterprise software and driving individuals and organizations to learn, grow, and achieve sustainable success. She approaches her work with curiosity and the belief that great product opportunities are everywhere...

[Read More →](#)

Wednesday February 21, 2024 1:00pm - 1:50pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [ProductWorld, Product Lifecycle & Case Studies \(ProductWorld\)](#),
[Methodology: Agile/Rapid Prototyping/SCRUM \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[PRO WORKSHOP: Unleashing the Power of Message-Driven Architectures](#)

Mitchell Herrijgers, AxonIQ, Senior Solutions Architect

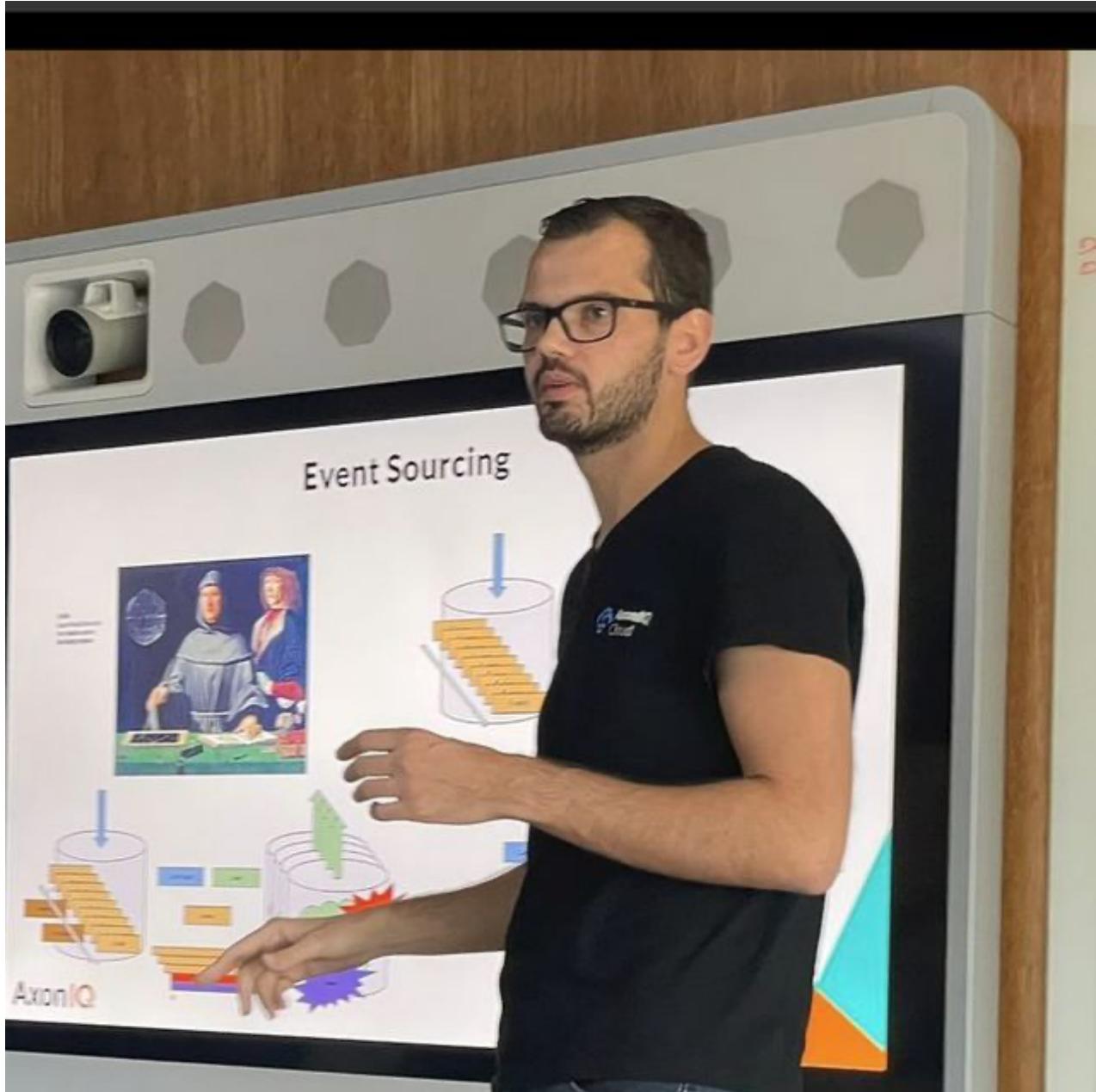
In today's fast-paced and interconnected world, software systems face the challenge of handling complex communication patterns. Message-driven architectures have revolutionized how components, systems, and services interact, providing a seamless communication experience. However, constructing a reliable and understandable message-driven system involves several crucial elements and considerations.

We will delve into the intricacies of building such systems, covering aspects ranging from message modeling to the requirements of a proper message bus while addressing the inherent challenges of eventual consistency.

You will become aware that the world of messages does not solely consist of events, that a technical name for a message is not necessarily the best, and

location transparency is the most powerful property your message handlers can have. Are you ready for the truth? Then join me on this journey!

Speakers



[Mitchell Herrijgers](#)

Senior Solutions Architect, AxonIQ

Mitchell Herrijgers is a Solution Architect at AxonIQ, helping customers build the best version of their applications by providing modeling tools and

development support. His true passion is to make the lives of other developers easier by providing IDE plugins, improving documentation...
[Read More →](#)

Wednesday February 21, 2024 2:00pm - 2:50pm PST

PRO Stage A

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference, DevLead Conference
- **In-Person/Virtual** In Person

2:00pm PST
PRO WORKSHOP (ProductWorld): Design Thinking for Developers: Building Intuitive and User-Centric Apps

Pooja Ray Chaudhuri, TikTok, Software Engineer

Design is not the sole responsibility of designers, we as software developers need to focus on design thinking. This will bridge the gap making software applications not only functional but also user-centric and intuitive.

Speakers



Pooja Ray Chaudhuri
Software Engineer, TikTok
I love code and coffee

Wednesday February 21, 2024 2:00pm - 2:50pm PST

[PRO Stage B](#)
[Data Engineering Conference](#)

- **Certificates** Product Certificate, JavaScript Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** JavaScript Conference, ProductWorld, Data Engineering Conference, Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** In Person

2:00pm PST

PRO WORKSHOP: OpenTelemetry and Continuous Feedback - Things You Need to Know About Your Code at Runtime

Roni Dover, digma.ai, Product developer

What do you know about the code changes that were just introduced into the codebase? When will you start noticing if something goes wrong? If there are so many accessible observability sources that can tell us what the code is doing, why are we using so little of that in our day-to-day coding?

Continuous Feedback is a new dev practice that aims to make practical usage of code runtime data to shorten the feedback loop during development. It enables developers to get early data about their code changes and detect issues and regressions as-they-code. At the same time, collecting data from multiple environments, allows developers to instantly understand how their code is performing in the real world.

In this session, we'll look past the novelty of using OSS observability tools and technologies, to discuss how we can actually make them useful for developers. We'll take a look at the benefits of enabling OpenTelemetry collection for dev and test data and examine OSS tools to help analyze the application runtime. Throughout the talk, we'll go over code examples of common anti-patterns, code smells, hidden errors, and other types of problems that observability can reveal - prior to merging a PR,

Ultimately, the goal should not be simply observing the application or creating nice-looking dashboards. Rather, success is in leveraging observability data in order to achieve a more effective dev process and write better code.

Speakers



Roni Dover

Product developer, Infovore

Holistic developer and builder with a passion for development processes and practices. Afflicted by an acute Product Manager/Developer split personality disorder that was never treated. Currently, CTO and co-founder of Digma (digma.ai), an IDE plugin for code runtime AI analysis to... [Read More →](#)

Wednesday February 21, 2024 2:00pm - 2:50pm PST

[PRO Stage C](#)

DevLead Conference

- **Certificates** [Data Certificate](#), [Dev Leadership Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** DevLead Conference, Data Engineering Conference
- **In-Person/Virtual** In Person

2:00pm PST

PRO WORKSHOP: Adding SAST to CI/CD, Without Losing Any Friends

Milan Williams, Semgrep, Engineer

Everyone wants to put tests into the release pipeline, but no one wants to wait hours for them to finish. In this workshop we will discuss multiple options for adding static application security testing (SAST) to your CI/CD, in ways that won't compromise speed or results, such as learning which results can be safely ignored, writing your own rules, company-specific checks, scanning PRs instead of commits, splitting blocking scans versus deep audit scans, etc. We will also cover ways to continuously find vulnerabilities.

Speakers



[Milan Williams](#)
Engineer, Semgrep

Wednesday February 21, 2024 2:00pm - 2:50pm PST

ProductWorld Main Stage

DevOps Summit

- **Certificates** DevOps Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** DevOps Summit
- **In-Person/Virtual** In Person

3:00pm PST

PRO WORKSHOP: Generative AI for Mainframe Application Modernization

Rich Larin, IBM, Product Lead, IBM watsonx Code Assistant for Z

Some of the most mission-critical workloads in the world are running on mainframes and are written in COBOL. Now with generative AI, there is a brand new solution to assist developers to modernize these applications.

Recently IBM announced IBM watsonx Code Assistant for Z to accelerate mainframe application modernization using generative AI and automation. Come to this session to learn and see this strategic innovation: an end-to-end AI assisted application modernization experience for a z/OS application, leveraging COBOL to Java conversion capabilities. In this session we will provide a product technical overview, demonstration, and developer implementation patterns.

For more information - see the recent press release:

<https://newsroom.ibm.com/2023-08-22-IBM-Unveils-watsonx-Generative-AI-Capabilities-to-Accelerate-Mainframe-Application-Modernization>

Speakers



Rich Larin

Product Lead, IBM watsonx Code Assistant for Z, IBM

Rich leads product management for IBM's AI-assisted mainframe application modernization capability: watsonx Code Assistant for Z. In this role, Rich works with IBMers, customers, and ecosystem partners, to develop and deliver a roadmap of generative AI use cases for mainframe application... [Read More](#)

→

Wednesday February 21, 2024 3:00pm - 3:50pm PST

[PRO Stage A](#)

[AI & Machine Learning Conference](#)

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [AI & Machine Learning Conference, Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[PRO WORKSHOP: Building Secure Infrastructure: What Developers Need to Know About IAC](#)

Mike McCabe, Cloud Security Partners, President

This workshop will focus on teaching developers how to build secure infrastructure with Terraform by utilizing free and open-source tools. We'll cover the common uses of Terraform and how a malicious actor could abuse Terraform and even bypass security controls to execute unapproved code. We'll discuss ways development teams can harden their Terraform or other IAC pipelines to ensure that infrastructure is secure.

The talk will focus on research done on Terraform implementations and ways to harden deployments. The talk will cover how Terraform works, how common Terraform security controls are applied, and multiple ways to bypass them and gain further access to environments.

Speakers



[Mike McCabe](#)

President, Cloud Security Partners

Michael McCabe is the president of Cloud Security Partners. Michael helps clients migrate their workloads to the cloud in a secure and managed way. He's worked with large financials during their cloud migrations and transformations. He focuses on creating secure and approachable solutions...

[Read More →](#)

Wednesday February 21, 2024 3:00pm - 3:50pm PST

[PRO Stage D](#)

[Cloud-Native Conference](#)

- **Certificates** [Cloud Management Certificate, Security Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)

- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

3:00pm PST

PRO WORKSHOP: What Is Ambient Mesh and What Does It Do?

Peter Jausovec, Solo.io, Platform advocate

Istio service mesh deployment architecture is based on sidecar proxies that live next to each application instance. Recently, a sidecar-less mode called Ambient Mesh has been introduced to Istio. In Ambient mesh, the original sidecar proxy networking concerns are split into two components: a per-node proxy called ztunnel that handles all your Layer4 concerns and a waypoint proxy addressing all Layer7 concerns (if needed).

In this session, I'll explain the building blocks of the ambient mesh and how it works. We'll look into how to bring workloads into the ambient mesh, apply policies, and how the sidecar and sidecar-less modes work together.

Speakers



Peter Jausovec

Platform advocate, Solo.io

Peter Jausovec is a platform advocate at Solo.io. He has over 15 years of experience in software development and tech in various roles such as QA (test), software engineering, and leading tech teams. He's been working in the cloud-native space for the past couple of years and delivering... [Read More →](#)

Wednesday February 21, 2024 3:00pm - 3:50pm PST

PRO Stage B

Cloud-Native Conference

- **Certificates** DevOps Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, DevOps Summit
- **In-Person/Virtual** In Person

3:00pm PST

PRO WORKSHOP: Writing Python Codemods for Fun and Profit

Daniel D'Avella, Pixee, Principal Engineer

Are you a developer keen on improving code quality, or perhaps a security expert interested in plugging vulnerabilities? Maybe you're just tired of repetitive code updates and fixes? Enter Python Codemods: a powerful tool for automatically improving and hardening your code. In this talk, you'll learn about the Codemodder framework that is designed to not only improve code quality but also enforce security standards. Whether you're a developer keen on improving your code or a security professional looking to fortify codebases, this talk will arm you with the knowledge you need to use Python codemods effectively and even to write your own.

Speakers



Dan D'Avella

Principal Engineer, Pixee

Dan is a polyglot developer who out of both love and necessity has spent a lot of time writing Python code. He has extensive experience developing security tools. Dan is passionate about empowering developers to write cleaner, safer code.

Wednesday February 21, 2024 3:00pm - 3:50pm PST

[PRO Stage C](#)

[Frontend Conference](#)

- **Certificates** Data Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Security Summit, Dev Innovation Conference, Data Engineering Conference
- **In-Person/Virtual** In Person

3:00pm PST

PRO WORKSHOP (ProductWorld): Building and Maintaining Actionable Multi-team Plans

Justin Meyer, Bitovi, CEO

Learn how to master building, maintaining, and reporting actionable and accurate plans. This training covers patterns and processes Fortune 500 companies, like Yum, have used to effectively steer projects and deliver outstanding results.

The "Build" segment explores how to take nascent ideas, develop them into substantial plans, estimate timelines, and organize them for future execution. Participants will gain the skills to evolve ideas from conception to a defined roadmap.

In the "Maintain" phase, attendees will learn how to dynamically update plans as development progresses and circumstances change, ensuring that plans always reflect current realities.

The "Report" module focuses on summarizing plans into concise, easily digestible reports for stakeholders and wider teams, improving communication and transparency.

The training emphasizes creating "Accurate" plans by employing improved modeling of estimates and forecasting methods. The additional accuracy, clarity, and forward visibility empower teams to make proactive changes that can genuinely improve project outcomes.

By mastering these skills, program managers can dramatically improve delivery performance, resulting in more successful, efficient projects.

Speakers



Justin Meyer

CEO, Bitovi

Justin co-founded Bitovi in 2008 with his college buddy Brian Moschel. Since then, he's been obsessed with perfecting application design, development, and delivery. He lives in Chicago with his wife and two kids. As a writer of autobiographical blurbs, he knows to use his hobbies... [Read More →](#)

Wednesday February 21, 2024 3:00pm - 3:50pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** [ProductWorld](#), [Product Teams: Managers & Developers & Designers](#)
[UI/UX \(ProductWorld\)](#), [Product Management Software & Innovation \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

4:00pm PST

[PRO WORKSHOP: Building Scalable End-to-End Deep Learning Pipelines in the Cloud](#)

Rustem Feyzkhanov, Instrumental, Machine Learning Engineer

Machine and deep learning became essential for a lot of companies for internal and external use. One of the main issues with its deployment is finding the right way to train and operationalize the model within the company. Serverless approach for deep learning provides simple, scalable, affordable and reliable architecture for it. My presentation will show how to do so within AWS infrastructure.

Serverless architecture changes the rules of the game - instead of thinking about cluster management, scalability, and queue processing, you can now focus entirely on training the model. The downside within this approach is that you have to keep in mind certain limitations and how to organize training

and deployment of your model in a right fashion. My presentation will show how to utilize services like AWS Batch, AWS Fargate, Amazon SageMaker, AWS Lambda, and AWS Step Functions to organize scalable deep learning pipelines.

Speakers



Rustem Feyzkhanov

Machine Learning Engineer, Instrumental

Rustem Feyzkhanov is a senior machine learning engineer at Instrumental, where he works on analytical models for the manufacturing industry, and AWS Machine Learning Hero. Rustem is passionate about serverless infrastructure (and AI deployments on it) and is the author of the course...

[Read More →](#)

Wednesday February 21, 2024 4:00pm - 4:50pm PST

PRO Stage A

AI & Machine Learning Conference

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [AI & Machine Learning Conference](#)
- **In-Person/Virtual** [In Person](#)

4:00pm PST

PRO WORKSHOP: Beyond Code: Reinforcing CI/CD Pipelines Against Emerging Threats

Farshad Abasi, Forward Security, Founder and CEO

As modern software development practices evolve, CI/CD pipelines have emerged as a potent, yet under-secured frontier. This has resulted in a shift in focus from attackers, who are exploiting the traditionally overlooked vulnerabilities in the development pipelines. In this presentation, we'll dive into the top CI/CD security risks as identified by OWASP. We'll look at how each attack can be performed, explore potential impacts, and the motives of bad actors. This talk will provide you with pragmatic strategies to strengthen your CI/CD security posture. Join us to transform your CI/CD pipeline from a potential vulnerability into a cornerstone of your security infrastructure.

Speakers



[Farshad Abasi](#)

Founder and CEO, Forward Security

Farshad Abasi is an innovative technologist with over twenty four years of experience in software design and development, network and system architecture, cybersecurity, management, and technical instruction. With a keen interest in security from the start, he has become an expert... [Read More](#)



Wednesday February 21, 2024 4:00pm - 4:50pm PST

PRO Stage C

Cloud-Native Conference

- **Certificates** Security Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

4:00pm PST

PRO WORKSHOP: Get in Losers...We're Learning Advanced TypeScript

David Nicholas, Bitovi, Software Consultant

Prepare to embark on a thrilling journey into the depths of TypeScript with us!

In this workshop, we're diving headfirst into the lesser-traversed territories of TypeScript. We'll explore the beginning of the realms of advanced type manipulations, navigating the landscape of Generics, Mapped Types, Conditional Types, and more.

If you're eager to kick your TypeScript skills into overdrive and venture beyond the confines of basic type-checking, this workshop is for you.

Speakers



David Nicholas

Software Consultant, Bitovi

David Nicholas is a software consultant and technical architect with deep expertise in TypeScript and React. His experience includes building mobile and web applications across various industries, including Blockchain, E-commerce, and Medical Supply Manufacturing. As a technical lead... [Read More →](#)

Wednesday February 21, 2024 4:00pm - 4:50pm PST

[PRO Stage B](#)

[Frontend Conference](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** JavaScript Conference, Enterprise Summit
- **In-Person/Virtual** In Person

4:00pm PST

[PRO WORKSHOP: The Beginner's Guide to Web5](#)

Rizèl Scarlett, TBD, Block, Developer Advocate

In today's web, our data often isn't ours. But what if you could change that narrative? Explore the world of Web5, where you reclaim data sovereignty. This beginner's workshop introduces you to the core concepts of DIDs, DWNs, and protocols, all with a "Mean Girls" twist. By the end, you'll craft your own digital Burn Book.

But unlike Regina George's version, this one's all about privacy. Share your messages, but only with those you truly trust.

Get in. We're making Web5 happen.

Speakers



Rizel Scarlett

Staff Developer Advocate, TBD, Block's newest business unit

Rizel Scarlett is a Staff Developer Advocate at TBD, Block's newest business unit. With a diverse background spanning GitHub, startups, and non-profit organizations, Rizel has cultivated a passion for utilizing emerging technologies to champion equity within the tech industry. She... [Read More](#)



Wednesday February 21, 2024 4:00pm - 4:50pm PST

PRO Stage D

Frontend Conference

- **Certificates** JavaScript Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** JavaScript Conference
- **In-Person/Virtual** In Person

4:00pm PST

PRO WORKSHOP (ProductWorld): Success Metrics for Product Organizations and Teams

Jim Morris, Product Discovery Group, Founder

Companies set goals. Product teams deliver features. But they aren't connected. Consistent delivery isn't enough to guarantee company success. Learn to connect the dots between a company's goals and the everyday work of individual teams. In this workshop, you will break down large company goals into actionable team sub-goals. As teams work towards these sub-goals, their individual successes should connect to achieving the company's success.

Attendees will learn to create leading indicator metrics that give teams earlier awareness than the more common lagging indicators. You will learn how team level metrics can spot problems, find emerging trends, and prioritize everyday work.

Well-written metrics that connect to company goals can guide team decisions, identify root causes of problems and surface investment opportunities.

Speakers



[Jim Morris](#)

Founder, Product Discovery Group

Jim is a coach for Product Management leaders and teams in early stage startups, tech companies and Fortune 100 corporations. Previously, Jim was an engineer, product manager and leader at startups where he developed raw ideas into successful products several times. He co-founded PowerReviews... [Read More →](#)

Wednesday February 21, 2024 4:00pm - 4:50pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)

- **Track or Conference** ProductWorld, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** In Person

5:00pm PST

PRO WORKSHOP: Build Your Own a Private GenAI Q&A System Using Dolly v2 and MongoDB Atlas Vector Search

Dave Nielsen, MongoDB, Head of Community
Sujee Maniyam, PRINCIPLE AI ENGINEER / CONSULTANT, Founder

In this talk & workshop, you will learn how to create and privately host an LLM to power a Q&A system like ChatGPT.

In this workshop, you will learn how to assemble a Generative AI stack to power an LLM for the purpose of building a Q&A system from data stored in your own database. In the workshop portion of the session, you will build your own Q&A system on top of Dolly v2 & MongoDB Atlas Vector Search in less than 30 minutes.

What we will cover:

1. Pre-processing of your data - Get it into a shape where it can be used by LLMs (For the purpose of the workshop, you will have access to pre-processed data).
2. Create chunks and embeddings.
3. Store chunks in MongoDB Atlas for fast retrieval and search.
4. Store embeddings in a vector database, such as MongoDB Vector Search.
5. Privately hosted LLM.
6. Use commercially available open-source models like Dolly v2, LLAMA v2, ChatGPT, etc. in a private VPC.

Takeaways from this session include:

1. How to assemble and operationalize a Q&A system using open-source LLMs
2. Data quality impacts the LLM response
3. How to rapidly experiment with different LLM models for your specific use case

Speakers



Sujee Maniyam

FOUNDER, PRINCIPLE AI ENGINEER / CONSULTANT

Sujee Maniyam is a seasoned practitioner specializing in Generative AI, Machine Learning, Deep Learning, Big Data, Distributed Systems, and Cloud technologies. He has been consulting and training and mentoring other professionals across various companies large and small. Sujee is... [Read More](#)





Dave Nielsen

Head of Community, MongoDB

Dave Nielsen is the Head of Community at MongoDB. Prior to that Dave was Head of Community at Harness, Traceable, Redis Labs, Strikeiron & PayPal. He also co-founded CloudCamp

Wednesday February 21, 2024 5:00pm - 5:50pm PST

PRO Stage A

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** AI & Machine Learning Conference, Enterprise Summit
- **In-Person/Virtual** In Person

5:00pm PST

PRO WORKSHOP: Workflows of Highly Functional App & Data Engineering Teams

Davide Mauri, Microsoft, Principal Product Manager

Jerry Nixon, Microsoft, Engineer

How does a highly functional development team manage enterprise data engineering? They focus on the core principles of Schema Management, Standards Enforcement, Database Testing, and Automated Incremental Deployment. Microsoft brings an agonizing menu of choices to architects and engineers; they can be a challenge to wade through. This session can help. Let's review how some of the world's largest and most critical app & data engineering teams handle change management, observability, and quality at enterprise scale.

Goals:

- Understand how enterprise teams manage schema control, including versioning, migrations, and updates, to ensure data consistency across all environments.
- Explore how enterprise teams ensure engineering

quality through automated testing, code reviews, and standards enforcement. • Learn how enterprise teams automate reliable delivery through continuous integration and deployment, reducing errors and improving efficiency.

Speakers



Davide Mauri

Principal Product Manager, Microsoft

Azure Data Platform MVP for 12 years in a row, now Product Manager in Azure SQL team, focusing on developer experience. Developer at heart, heavy metal lover; once a biker, now waiting for kids to grow old to start to travel the Azure Data Platform MVP for 12 years in a row, now Product... [Read More →](#)



Jerry Nixon

Engineer, Microsoft

Jerry Nixon, an Engineer based in Colorado, is a Product Manager at Microsoft on the Azure Data Platform, focusing on SQL Developer Experiences. With more than two decades of experience, he excels in developing, designing, and delivering software. He's spoken at tiny venues and giant... [Read More →](#)

Wednesday February 21, 2024 5:00pm - 5:50pm PST

[PRO Stage C](#)

[DevLead Conference](#)

- **Certificates** [Data Certificate](#), [Dev Leadership Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [DevLead Conference](#), [Data Engineering Conference](#)
- **In-Person/Virtual** [In Person](#)

5:00pm PST

[PRO WORKSHOP: Your Frontend Is Not Your Backend: Using Data Transfer Objects for Your Own Sanity](#)

Kaitlyn Concilio, 8th Light, Developer

The backend developers only want to name their variables_like_this, while you, a frontender, are all about that camelCaseLife. But you're not doomed as aCapulet to war with them forever, so don't reach for that poison just yet.

Data Transfer Objects are here to save the day. Whether you're looking to maintain naming convention consistency or convert between similar data types that don't quite match up (without either sacrificing type safety or bloating the scope of your component), DTO is the way to go.

We'll talk about the conceptual underpinnings and share examples of when they can be best put to use. Though we're talking Typescript, these concepts are applicable to any typed language.

Speakers



Kaitlyn Concilio

Developer, 8th Light

Kaitlyn Concilio has been playing with computers since she first telnetted into the library to reserve books in first grade. With deep experience in design and writing, she's programmed her way through stints in journalism, nonprofits, higher education and healthcare, both as an... [Read More →](#)

Wednesday February 21, 2024 5:00pm - 5:50pm PST

[PRO Stage B](#)

[Frontend Conference](#)

- **Certificates** [JavaScript Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [JavaScript Conference](#), [Data Engineering Conference](#)
- **In-Person/Virtual** [In Person](#)

5:00pm PST

[OPEN WORKSHOP: Accelerate Cloud Native Development with Coder](#)

Tim Quinlan, Coder, Sr. Technical Account Manager

Need a self-hosted, fully supported Cloud Development Environment that runs on pretty much any architecture? Check out Coder! Shift left on your developer runtimes while retaining control of your IP and infrastructure – without investing in a from-scratch Platform Engineering build out. In this hands-on workshop the Coder team demonstrates how to deploy, manage, and use Coder in a flexible and secure environment . Participants will learn how to self-host their CDE with Coder and keep developers in flow.

Speakers



Tim Quinlan

Sr. Technical Account Manager, Coder

Tim is currently applying his many years of Linux and platform experience to help developers modernize their workflows with Coder.

Wednesday February 21, 2024 5:00pm - 5:50pm PST

[PRO Stage D](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [Enterprise Summit, OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

5:00pm PST

[PRO WORKSHOP \(ProductWorld\): Debugging Burnout](#)

Samuel Shaw, Battelle, Software Developer

Working in a product space requires knowing how to take a very complex problem and break it down into iterative chunks. Far too often, we're so wrapped up in the problems we're solving professionally, that we completely forget to introspectively look at ourselves and ask what problems in our own lives need solving. Burnout is real and worth addressing. But much like the dev process, understanding the "why" behind behavior leads to a more sustainable outcome. We want to develop a framework and language to properly identify burnout and how we can work through it.

Speakers



Samuel Shaw

Software Developer, Battelle

Sam has been in the technology space professionally for seven years after dabbling as a developer while working in academia. His spare time is spent trying new things or in the gym fighting. Most recently the focus being Krav Maga and Kung Fu.

Wednesday February 21, 2024 5:00pm - 5:50pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** ProductWorld, Product Management Software & Innovation (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** In Person

6:30pm PST

[2024 DEVIES Awards Ceremony](#)

DeveloperWeek 2024 is the world's largest developer expo & conference series, and the 2024 DEVIES Awards Ceremony will be the definitive awards night for the developer technology industry.

The 2024 DEVIES Awards Ceremony

6:30pm - 7:00pm | -- (PRO STAGE A - Oakland Marriott City Center)
(Open to these pass types: Premium, PRO, OPEN, EXPO, SPONSOR, SPEAKER, EXHIBITOR, MEDIA)

Wednesday February 21, 2024 6:30pm - 7:00pm PST

[PRO Stage A](#)

[2. Experiences & Official Events](#)

- **Talk Type** PRO TALK, OPEN Talk
- **In-Person/Virtual** In Person

7:00pm PST

Dev AfterHours - Table Tennis Tournament

Dev AfterHours @ DeveloperWeek 2024!

Sign up Wednesday during Workshop Day to compete in the DevAfter Hours Table Tennis Tournament!
Practice thought the day in the Games Lounge

Wednesday February 21, 2024 7:00pm - 9:00pm PST

Games Lounge

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

7:00pm PST

DeveloperWeek 2024 VIP Welcome Reception (Premium Passes & Invite Only)

7:00pm - 9:00pm | Skyline - Oakland Convention Center

Join us as we celebrate the opening of DeveloperWeek 2024.
Complimentary appetizers, beer and wine will be served.

The VIP Welcome Reception is open ONLY to Premium Pass holders, DeveloperWeek 2024 Sponsors (two attendees per Sponsor), Speakers, 2024 DEVIES Awards Winners, and Media.

The VIP Welcome Reception guest list will be strictly adhered to.

Wednesday February 21, 2024 7:00pm - 9:00pm PST

2. Experiences & Official Events

- **In-Person/Virtual** [In Person](#)

Thursday, February 22

8:30am PST

[Registration Open: Badge Pick Up](#)

Pick up your DeveloperWeek or ProductWorld 2024 Attendee Badge at the Oakland Convention Center Lobby from 8:30am - 6:00pm!

Thursday February 22, 2024 8:30am - 6:00pm PST

[Oakland Convention Center - Lobby](#)

1. Badge Pick-up & Registration

- **In-Person/Virtual** [In Person](#)

8:30am PST

[Games Lounge](#)

Games Lounge

Play a game or two as you wait for the next session to begin!

Thursday February 22, 2024 8:30am - 6:00pm PST

[Games Lounge](#)

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** [In Person](#)

9:00am PST

Arcade Lounge

Arcade Lounge

Chill in the lounge & try your hand at Pac-Man & other retro games!

Thursday February 22, 2024 9:00am - 6:00pm PST

Arcade Lounge

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

9:00am PST

Community Photos & Headshots

Community Photos & Headshots

Stand out from the crowd. Update your headshot or snap a group picture. Get your digital photo instantly!

Thursday February 22, 2024 9:00am - 6:00pm PST

Expo Hall -- Exhibit Hall West

2. Experiences & Official Events

- **Talk Type** PRO TALK, OPEN Talk
- **In-Person/Virtual** In Person

9:00am PST

DeveloperWeek EXPO Challenge (Win Rewards!)

<https://www.developerweek.com/expo/challenge/>

Complete the DeveloperWeek 2024 Expo Challenge to earn cool DeveloperWeek 2024 Swag!

Thursday February 22, 2024 9:00am - 6:00pm PST

Expo Hall -- Exhibit Hall West

2. Experiences & Official Events

- **Talk Type** PRO TALK, OPEN Talk
- **In-Person/Virtual** In Person

9:00am PST

PeerConnect Lounge

Hang out in the PeerConnect Lounge before the next session!

PeerConnect sessions are 25- or 50-minute interactive sessions, technical talks, and meetups led by community leaders and influencers. It's a great opportunity to network and learn about trending topics in developer technology. Topics can include: open source projects, platforms, programming languages, industry trends, etc

Thursday February 22, 2024 9:00am - 6:00pm PST

Expo Hall -- Exhibit Hall West

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

9:00am PST

EXPO HALL OPEN

Thursday February 22, 2024 9:00am - 6:00pm PST

Expo Hall -- Exhibit Hall West

3. Expo Hours

- **In-Person/Virtual** In Person

9:00am PST

DeveloperWeek 2024 Hackathon

Join 800+ Developers at the Nation's Largest Challenge-Driven Hackathon.

Join 800+ developers building new apps, bots -- in person or online. Participants can build any app of their choice and will compete for \$50,000+ in cash, products and prizes.

Get all the details and the amazing challenges & prizes here:

<https://www.developerweek.com/events/hackathon/>

Put yourself in the center of the developer world!

Register for your ticket [here!](#)

Thursday February 22, 2024 9:00am - 6:00pm PST

Expo Hall -- Exhibit Hall West

[4. Hackathon](#)

- **In-Person/Virtual** [In Person](#)

9:15am PST

Sponsor Spotlight: Coder (Live Demo)

If you missed our workshop yesterday, or have questions, stop by to chat with, and catch a demo from, Tim Quinlan who led the Wednesday Workshop: Accelerate Cloud Native Development with Coder.

Booth 404

Sponsors



Coder

Coder keeps developers in flow with solutions designed to increase developer productivity. Coder's browser-based IDEs (Integrated development environment) and cloud development environments (CDE) are open source software for developers and small application teams to create, access... [Read More →](#)

Thursday February 22, 2024 9:15am - 9:30am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

Sponsor Spotlight: Alloy Automation (Live Demo, Live Q&A (post speaking session))

Build an integration with us in 15 minutes, and come have some donuts and exotic snacks while you're at it

Sponsors



Alloy Autom

[Alloy Automation](#)

Alloy Automation is a platform for building and managing SaaS integrations. It's used by Amazon, Gorgias, Postscript, & others to launch user-facing integrations more quickly than they could in-house. Leveraging Alloy's development platform, customers can easily spin up ERP, Commerce... [Read More →](#)

Thursday February 22, 2024 9:30am - 9:45am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

[KEYNOTE: Slack -- Leading through Change: How Building AI Products Can Bring about Better Engineering Leaders](#)

Rukmini Reddy, Slack, SVP of Engineering

Tamar Bercovici, Box, VP of Engineering

The last 50 years have seen major cycles of technological change - from the internet, cloud, computing, and mobile. But nothing compares to the compressed timeline that's happened with generative AI. Because of this rapid pace of innovation, the last year has been a whirlwind for engineering teams incorporating AI into their products. Leaders have had to redo their roadmaps, introduce new team structures and product pillars, create new product strategies in reaction to the market, all while having both a growth and efficiency mindset.

How do engineering leaders navigate these changes and lead through change? In this session, Slack's Rukmini Reddy will share her perspective on what this past year has meant for the team of engineers and developers she leads, and how she continues to adapt and evolve her own leadership approach. She'll also be joined by Box's Tamar Bercovici to build on these

ideas.

Using learnings from Slack and Box's own work with AI over the past year, attendees can expect to walk away from this keynote with actionable strategies and advice that they can take back to their own teams about better communication, better transparency, and bringing technical teams together to work towards a common goal.

Speakers



Tamar Bercovici

VP of Engineering, Box

Tamar Bercovici is a VP of Engineering at Box where she leads the Core Platform team in scaling the foundational platform for the Box Content Cloud. Tamar also runs the annual Box Hackathon and is a frequent invited speaker at leading technology conferences like Velocity, @Scale... [Read More](#)





Rukmini Reddy

SVP of Engineering, Slack

Rukmini Reddy is the SVP of Engineering at Slack. She joined Slack in 2020 to lead teams that deliver exceptional first-party and third-party app experiences, as well as drive the vision of Workflow Builder - Slack's no-code automation tool. Before Slack, she was VP of Engineering... [Read More →](#)

Thursday February 22, 2024 9:30am - 9:55am PST

[DeveloperWeek Main Stage](#)

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** DevExec Summit, Enterprise Summit
- **In-Person/Virtual** In Person

9:30am PST

PRO TALK: The GitHub Advisory Database: How GitHub Works to Address the Problem of Vulnerability Visibility to Secure the World

Jonathan Moroney, GitHub, Security Analyst

GitHub maintains a database of vulnerabilities as they relate to commonly used packages in order to power Dependabot. Join to get a tour how they do it and the pain points they run into along the way.

Speakers



[Jonathan Moroney](#)

Security Analyst, GitHub

Jon (aka darakian) is a security analyst working in the Security Lab at GitHub. He is primarily concerned with maintaining the breadth and quality of the advisory database so that GitHub users have the best experience possible with dependency alerts.

Thursday February 22, 2024 9:30am - 9:55am PST

PRO Stage A

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference
- **In-Person/Virtual** In Person

9:30am PST

PRO TALK: It Starts At The Top: Establish Your Engineering Culture Around Transparency

Hersh Tapadia, Allstacks, Co-Founder & CEO

As leaders, we have a responsibility to our employees, investors (and shareholders), customers, and ultimately, ourselves, to produce results and bring cash in the door. What often gets lost in translation is how we cater to both the tangible or monetary, needs of the business and simultaneously create an honest and open workplace for everyone to do their best work. Building an engineering culture centered around transparency should be at the top of the list. This creates an environment where trust, collaboration, and open communication are at the forefront of every line of code that's written, feature that's shipped, or product that's launched.

The question for you is: how do your engineers and engineering managers rate the level of transparency at your company if they are behind closed doors? Do they have what they need to be successful? Is your engineering culture fostering an environment conducive to sharing ideas, knowledge, and not only driving change but adapting to change? Lastly, does each engineer know how the work they do impacts the business every day? In this talk, we'll cover why engineering cultures that value transparency also breed a culture of continuous improvement and the positive impact that has on performance at the individual and team level. We'll also talk about how this raises the happiness/satisfaction levels of your engineers and improves the quality of their work. Lastly, we'll talk about what it takes to reshape company culture and the steps you can take to embrace transparency as a

part of your engineering processes.

Speakers



[**Hersh Tapadia**](#)

Co-Founder & CEO, Allstacks

Hersh Tapadia, co-founder and CEO at Allstacks, is a serial entrepreneur and engineer who is interested in solving problems that are at the heart of customer challenges. Hersh co-created Allstacks with the belief that

engineering should be a leader in the boardroom. That leadership... [Read More →](#)

Thursday February 22, 2024 9:30am - 9:55am PST

[PRO Stage C](#)

[DevExec Summit](#)

- **Certificates** [Dev Leadership Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevExec Summit](#), [Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

[OPEN TALK \(ProductWorld\): Radical Transparency in Product Development](#)

Greg Lind, Buildly, CEO and CTO

Radical Therapy for Product Development is a philosophy that embraces openness, collaboration, and constant improvement. It challenges the traditional silos and hierarchical structures often found in software development as well as product and business management and replaces them with a culture of transparency and accountability.

Through the use of effective communication channels, such as collaborative writing of user stories, technical translation, and regular check-ins, software teams can achieve a deeper understanding of business requirements and technical implementation. By breaking down barriers between stakeholders and developers, teams can work together seamlessly to deliver high-quality products.

Speakers



Greg Lind

CEO and CTO, Buildly

20+ year career in Software, Open Source and Startups. Founder and CTO of four successful startups founded in 3 different countries. Worked with NGO's and National and Local Government agencies building open source grant and program management systems.

Thursday February 22, 2024 9:30am - 9:55am PST

ProductWorld Main Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld
- **In-Person/Virtual** In Person

9:30am PST

OPEN TALK: Best Practices in Open Source Risk Management: The Developer vs Security Viewpoint

Chris Lindsey, Mend.io, Application Security Evangelist

Assessing risk in Open Source dependency use can make any security lead sweat. Projects which rarely update dependencies will be the slowest to react and remediate so-called "log4j incidents", which is often referred to as "security debt".

Meanwhile, the risk of malicious code introduction or account takeovers in Open Source packages is not insignificant, so those who live on the cutting edge of latest versions may also be at increased risk from another angle. How can companies - especially those in highly-regulated industries provide sensible guidance to software teams which optimizes their risk?

This presentation will address the challenges from both angles - how much more at risk are projects when they fall behind in dependencies and how much risk is there from malicious code in Open Source? Chris Lindsey will deliver this perspective as someone who has lived on both sides and understands dependency automation as well as supply chain security. Learn how Mend Renovate can help manage dependency updates and minimize your technical debt.

Speakers



[Chris Lindsey](#)

Application Security Evangelist, Mend.io

Chris Lindsey has thirty years of experience leading teams in programming and software, solutions and security architecture. For three years, he built and led an entire application security program that includes the implementation of mature AppSec programs, including oversight of security... [Read More →](#)

Thursday February 22, 2024 9:30am - 9:55am PST

[OPEN Workshop Stage 1](#)

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

9:30am PST

OPEN TALK: Beyond the Hype: A Skeptic's Introduction to Building on the Blockchain

Richard Gottleber, Chainlink Labs, Developer Advocate

Richard Gottleber from Chainlink Labs unveils the raw potential and realistic applications of blockchain technology in this talk. This session will strip away the speculative buzz, focusing instead on how blockchain can revolutionize secure, transparent digital transactions and ownership. Learn how Chainlink's Distributed Oracle Network enhances blockchain capabilities, seamlessly integrating real-world data with smart contracts. This talk is a gateway for those ready to explore the tangible benefits and innovative solutions blockchain and Chainlink offer, from decentralized finance to supply chain management, gaming, and more. Don't miss this opportunity to understand the technology poised to redefine our digital and economic landscapes.

Speakers



Richard Gottleber

Developer Advocate, Chainlink Labs

He began his career behind a support desk and worked on the entire technical stack from system administration to front-end development, with a pit-stop as a 5th-grade math and science teacher. He breaks down complex topics and shares terrible dad jokes.

Thursday February 22, 2024 9:30am - 9:55am PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

9:30am PST

[OPEN TALK: Shifted Left: Moving from a Reactive to Proactive Mindset](#)

Dan Hopkins, StackHawk, VP of Engineering

20 years ago, Jeff Bezos shared an API mandate that required his employees to communicate via APIs. Fast forward to 2024, APIs are the primary way to build the applications we use every day. What's still lagging, however, is the approach to ensuring these APIs are secure. This talk will lean into the shift-left movement, tracing its history from agile development and devops, and how moving from a reactive to proactive mindset is crucial to ensuring your data is protected.

Speakers



Dan Hopkins

VP of Engineering, StackHawk

Dan Hopkins has been a software engineer for 20 years, working at high-growth startups such as VictorOps and LivingSocial and large high-tech companies such as Splunk. For the last ten years, he has focused on building tools for progressive engineering teams adopting DevOps and DevSecOps...

[Read More →](#)

Thursday February 22, 2024 9:30am - 9:55am PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [DevLead Conference](#), [Security Summit](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

[DeveloperWeek Certificate Program](#)

<https://www.developerweek.com/certificates/>

Thursday February 22, 2024 9:30am - 4:00pm PST

2. Experiences & Official Events

- **In-Person/Virtual** In Person

9:30am PST

"Dev Challenge" -- Earn Prizes

Complete specific tasks at DeveloperWeek 2024 to earn "Dev Cash" to redeem for DeveloperWeek 2024 Prizes!

<https://www.developerweek.com/dev-challenge/>

Thursday February 22, 2024 9:30am - 6:00pm PST

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

10:00am PST

Sponsor Spotlight: AxonIQ (Live Demo, Live Raffle/Giveaway)

The Great AxonIQ Code Show, witness the miracle code, immediate relief for your issues. See the show for a chance to win a 4k ultra HD TV @ Booth 312!

Sponsors

AxonIQ

AxonIQ

AxonIQ is the global leader in supplying the Axon software suite delivering the best microservices messaging platform to design, develop and run event-driven applications, architectures, and tools for building auditable, scalable, enterprise, distributed systems.

Thursday February 22, 2024 10:00am - 10:15am PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

10:00am PST

PRO TALK: Predicting Disruptions: How to Build High Performance Applications for All Users

Prasanna Vijayanathan, Netflix, Engineering World class products

We all want to build applications that are blazingly fast. We also want them to scale them to users all over the world. Can the two happen together? Can our users in the slowest of environments also get a fast experience? Learn how we do this at Netflix: how we understand every user's needs and preferences and build high performance applications that work for every user, every time.

Speakers



Prasanna Vijayanathan

Engineering World class products, Netflix

Thursday February 22, 2024 10:00am - 10:25am PST

PRO Stage A

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference
- **In-Person/Virtual** In Person

10:00am PST

PRO TALK: The Workflows Specification - The Missing Piece of the API Puzzle!

Frank Kilcommens, SmartBear, API Technical Evangelist

Join this talk to learn all about the API Workflows Specification, being developed under the OpenAPI Initiative, which aims to compliment current specifications such as, OpenAPI and AsyncAPI, by enabling the ability to define and document workflows, which are a series of API calls that together accomplish a specific business objective. This will provide a deterministic recipe for using APIs and enable code generation tooling for a given API(s) based on use-cases. Additionally, the specification will improve regulatory checks, bridge gaps where use-case flows span multiple API definitions. In general, there's enormous potential to enhance the developer experience (DX) and API documentation by enabling graphical rendering of workflows, the specification will improve human understanding of how to consume API endpoints to achieve a goal. Workflow documents can stay up to date and be assertable against the underlying APIs, reducing the need for out-of-band documentation sharing, and reduce the time and effort required to implement complex workflows, and automate testing and other repetitive tasks. Overall, the API Workflows Specification will improve the capability of API specifications to tell the story of the API(s) in a manner that can improve interoperability across many industries.

Speakers



[Frank Kilcommens](#)

API Technical Evangelist, SmartBear

Frank Kilcommens, API Technical Evangelist at SmartBear, has over 15 years of experience in the technology industry, his roles spanning from software engineering to enterprise architecture. His mission is to inspire, engage with, and support the API community as well as SmartBear... [Read More →](#)

Thursday February 22, 2024 10:00am - 10:25am PST

PRO Stage B

API & Microservices Conference

- **Certificates** API Certificate, Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, DevLead Conference
- **In-Person/Virtual** In Person

10:00am PST

PRO TALK: Bridging the Gap: Understanding the Broader Value of Quality beyond Bug Counting

Farah Chabchoub, Build Quality, Head of quality engineering & Strategic advisor

Are you struggling to effectively measure and communicate the impact of quality on your organization's business outcomes?

In this talk, we'll be discussing the challenges of effectively measuring and communicating the impact of quality on business outcomes, and how to bridge the gap between bug counting and understanding the broader value that quality brings to an organization.

As someone who has faced this challenge in multiple experiences as head of engineering, I'll be sharing practical advice and best practices to help you navigate the complexities of quality metrics and reporting.

We'll explore how to extend and communicate the importance of quality impacts on customer retention, as well as delve into the widely-used DORA

metrics and how to align them with organizational objectives such as OKRs and KPIs.

We'll also discuss strategies for choosing metrics targets while scaling an organization, and we'll explore how to target reliable metrics through absolute versus relative metrics.

Speakers



Farah Chabchoub

Head of quality engineering & Strategic advisor, Build quality

Head of quality engineering and strategic excellence driver, Farah has been particularly interested in innovation and service quality improvement since her first career steps. After an experience of creating from scratch division, scaling up, and being a member of the management committee... [Read More](#)



Thursday February 22, 2024 10:00am - 10:25am PST

[PRO Stage C](#)

[DevExec Summit](#)

- **Certificates** [Dev Leadership Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevExec Summit](#), [Devtech Strategy Summit](#)
- **In-Person/Virtual** [In Person](#)

10:00am PST

[PRO TALK: What Stinks? How Developer Hygiene Impacts Security](#)

Peter Chestna, Checkmarx, CISO

Your personal hygiene habits can have a big impact on your life. Similarly, the way you and your team build software, aka professional hygiene, impact your company and the quality and security of your work. Difficult problems are often solved by going back to basics. Join me to explore and discuss.

Is deploying secure code to production an unnatural act or second nature?
Have we built the right muscles to react and update our applications quickly?

Most of the code in modern applications is made up of open-source components. This allows devs to focus on value-generating features and not on scaffolding and foundations. That doesn't mean you should ignore it though. The challenge is that Open Source is not free like a lunch. It's free like a puppy. To compound this problem, the rise of the malicious coder has

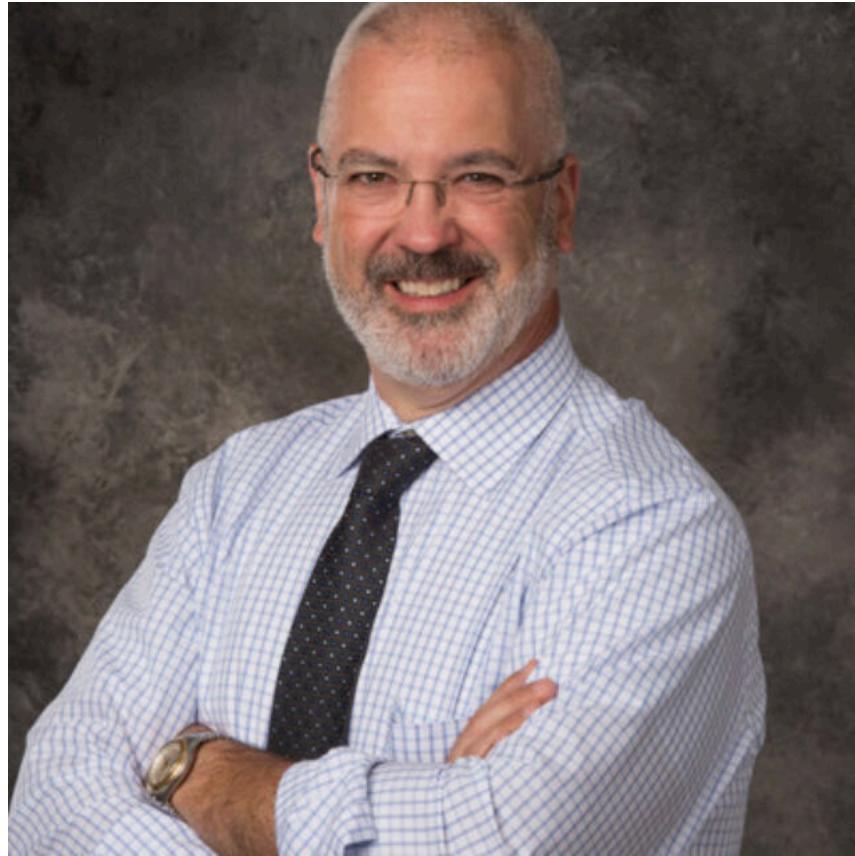
made cyber attacks easier to perpetrate and harder to detect. Attacks to the OSS ecosystem and supply chain have exploded in recent years. CVEs, while still important, have become table stakes. The need for strong risk telemetry related to our open-source usage is now a critical control in Application Security.

This talk will walk through our current mismanagement of open source and how our hygiene habits impact our ability to manage and react to problems in the supply chain.

What you will learn:

- What the vulnerability landscape looks like currently
- The factors from both security and development the are contributing to the problem
- Concrete steps to take to get better

Speakers



Peter Chestna

CISO of North America, Checkmarx

Pete Chestna serves as the CISO of North America at Checkmarx, where he provides customers and prospects with practical advice for building successful application security programs. Bringing more than 15 years of direct AppSec practitioner experience, Pete has held roles ranging from...

[Read More →](#)

Thursday February 22, 2024 10:00am - 10:25am PST

PRO Stage D

DevOps Summit

- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit
- **In-Person/Virtual** In Person

10:00am PST

OPEN TALK: Accelerating App Development: Harnessing the Power of AI Through Low-Code, Integrated Technologies

Hadi Chami, LEAD Technologies (LEADTOOLS), Developer Advocate and Manager

There is a lot to successful application development. From clearly defining and executing your goals, providing a reliable solution to a problem, to then focusing on user experience, feedback, and security - there is no shortage of tasks that a developer or development team needs to prioritize. Join Hadi as he discusses the challenges of application development and how LEADTOOLS low-code SDKs have successfully helped app developers building applications across various industries reach their goals faster for over 30 years.

By providing millions of lines of code and reliable libraries, LEADTOOLS helps developers quickly integrate powerful AI-backed technologies

including OCR/ICR, Barcode, Forms Recognition & Processing, PDF, Document Viewing, Editing & Conversion, Annotations, DICOM, PACS, Medical Viewing, A/V Codecs & much more!

Speakers



[Hadi Chami](#)

Developer Advocate and Manager, LEAD Technologies Inc (LEADTOOLS)

Hadi Chami is the Developer Advocate and Manager at LEADTOOLS, the top provider of software development toolkits. LEADTOOLS gives developers millions of lines of code at their fingertips, speeding up the development process while fortifying the technology with top security measures... [Read More →](#)

Thursday February 22, 2024 10:00am - 10:25am PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, AI & Machine Learning Conference, Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

10:00am PST

[OPEN TALK: AI-Powered Semantic Search with Open Source, Data Tools](#)

Bassam Chahine, Instaclustr, Senior Consultant

Step into the world of AI-driven data solutions with our focused session on semantic search using Open-Source tools such as Cassandra and OpenSearch. We're cutting through the noise to show you how the current capabilities of Open Source tools align with the demands of natural language processing and AI systems. Discover how Python and fastText can work together within Cassandra and Open Search to build powerful vector search features. Plus, get a sneak peek at the anticipated enhancements in Cassandra 5 that promise to streamline these processes even further. This session is your quick guide to understanding and applying Cassandra and OpenSearch potential in an AI context - no fluff, just the essentials. Whether you're managing large datasets or looking to infuse AI into your data strategy, join us to see how open-source tools stand up to the task now and how it's gearing up for an even more efficient future.

Speakers



Bassam Chahine

Senior Consultant, Instaclustr

Bassam Chahine is a senior consultant at Instaclustr, which provides a managed platform around open-source data technologies. He has been working with Cassandra , along with other open-source software, for over ten years and is a certified Cassandra administrator

Thursday February 22, 2024 10:00am - 10:25am PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, AI & Machine Learning Conference, DevOps Summit](#)
- **In-Person/Virtual** [In Person](#)

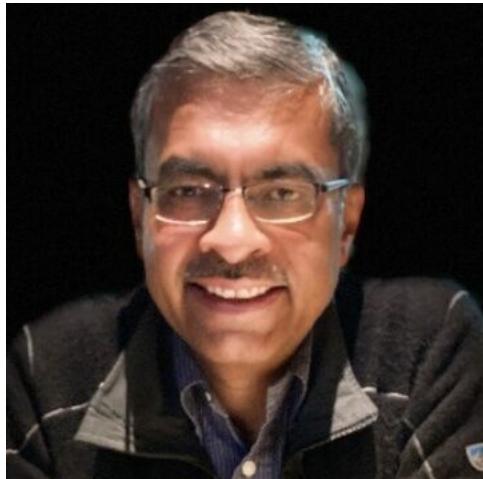
10:00am PST

OPEN TALK: Building Cloud-native Apps with Data and AI

Sanjay Goil, Oracle, Vice President, Product Management

Modern web and mobile apps are increasingly becoming simpler to build with advances in low-code platforms, convergence of DevOps and DataOps on the cloud, and insertion of Gen AI techniques to harness foundation models with enterprise data. This talk covers the convergence of data and AI in the latest edition of the Oracle Database, simplifying app dev like never before.

Speakers



[Sanjay Goil](#)

Vice President, Product Management, Oracle

Sanjay Goil is Vice President Product Management in the Oracle Database Emerging Technologies team. He works on developer platforms for making it easy to build web/mobile applications with Oracle Database. Data and AI are at the forefront of these data-driven and event-driven applications... [Read More →](#)

Thursday February 22, 2024 10:00am - 10:25am PST

DeveloperWeek Main Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, DevOps Summit
- **In-Person/Virtual** In Person

10:00am PST

OPEN TALK (ProductWorld): Data Radar Maps : Frameworks for Boosting Product Led Growth (PLG) Strategies with Data.

Joy Chatterjee, One Camp Consulting, Co-Founder and Product Strategy Consultant

Learn how high performance product led growth (PLG) teams such as Mercedes, FedEx, brighter AI, DCMN GmbH use “data-informed” models to leverage the full potential of their organizational data. 

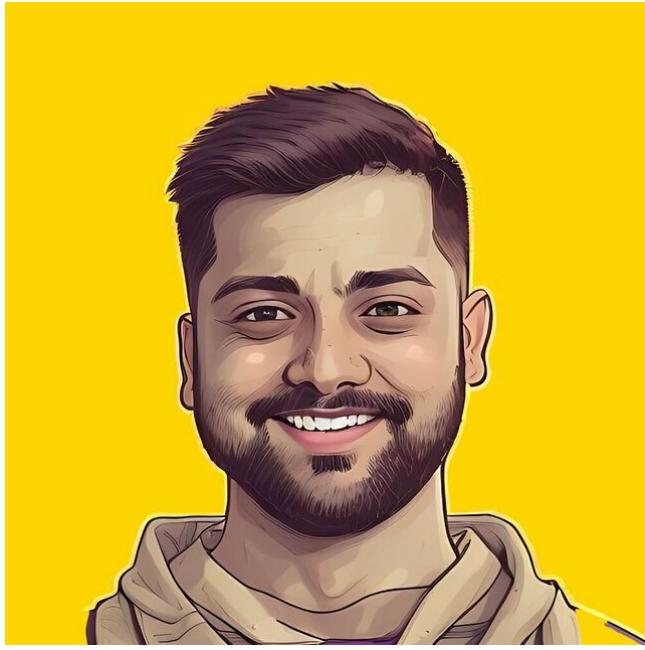
Understand the aspects where and how product teams have strong data foundations

Debunk common misconceptions when it comes to cross-team collaboration between product and data

Data education for the product teams to increase their level of data fluency

How to build data-informed workflows that product teams understand and can adopt right away

Speakers



Joy Chatterjee

Co-Founder and Product Strategy Consultant, One Camp Consulting

Product Ops & Data Consultant, with over 10 years of experience in data science and 3 years in product led growth (PLG). Co-Founder and Product Strategy Consultant at One Camp Consulting, based in Berlin. For data, collaborative ventures with Mercedes, FedEx, Just Mad as well as AI... [Read More →](#)

Thursday February 22, 2024 10:00am - 10:25am PST

ProductWorld Main Stage

ProductWorld

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, ProductWorld, Product Lifecycle & Case Studies (ProductWorld), Product Management Software & Innovation (ProductWorld)
- **In-Person/Virtual** In Person

10:00am PST

[OPEN TALK: How to Drive Pace in Teams](#)

Alicia Collymore, [Incident.io](#), Engineering Manager

As Engineering Managers, we're often held accountable for a lot of intangibles: goal setting, career development, conflict resolution, and of course, delivery.

Delivery is a key part of business growth, as EMs, TLTs, PMs we want to ship more value and the quicker we can do that, the better. It's a simple equation: faster delivery = more value shipped to users. But what we often fall short on is pushing for better delivery and pace in our teams using the **right** approach. Typically, when we do try to push these two, it quickly becomes a game of productivity and gaming numbers. The problem with this approach is that, to put it bluntly—I've never seen it work. So what is the right approach to improve the delivery and pace of your team? Especially if you're a scrappy startup with limited resources? Obvious answers are working overtime, hiring more people or adapting process. And while those things may give you more output, your team isn't actually shipping any faster, so you aren't solving the root problem. What does have impact is setting expectations with your team, finding leverage with well chosen tech investments, and a handful of other tactics that I'll highlight in my talk. By the end of the talk, folks will have received actionable advice that'll help them improve their teams' delivery and pace without a data-first approach.

This will include advice on:

- How to motivate their teams
 - How to encourage pace without turning everything into a number
 - What tradeoffs to make when pushing for delivery and pace - How to know when pace has improved without metrics
-

Speakers



Alicia Collymore

Engineering Manager, [incident.io](#)

Alicia has been an engineering manager for over 4 years, with experience working in many different industries, from biotech where she lead a team of molecular biologist to fintech where she helped build out the pay later space. Alicia is currently an EM at [incident.io](#), who build software to help companies manage incidents more easily, helping her teams to get shit done and have fun doing it... [Read More →](#)

Thursday February 22, 2024 10:00am - 10:50am PST

OPEN Workshop Stage 1

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** DevExec Summit, OPEN Talk
- **In-Person/Virtual** In Person

10:15am PST

Sponsor Spotlight: StackHawk (Live Demo, Live Q&A (post speaking session))

Join StackHawk in **Booth #515** for a live demo & Q&A

Sponsors



STACKHAWK

[StackHawk](#)

StackHawk is making API and application security testing part of software delivery. The StackHawk platform offers engineering teams the ability to find and fix application bugs at any stage of software development. It gives Security teams insight into the security posture of applications... [Read More](#)



Thursday February 22, 2024 10:15am - 10:30am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

10:30am PST

Sponsor Spotlight: LEADTOOLS (Live Q&A (post speaking session), Live Raffle/Giveaway)

Join us after our session at Booth 403 for a Q&A to discuss how LEADTOOLS SDKs can streamline your application development.

Enter to win a special giveaway - new winner each day!

Sponsors



[LEADTOOLS](#)

LEADTOOLS comprehensive collection of SDKs offer low-code, reliable controls for developers to integrate powerful document, medical, imaging & multimedia features. Powered by patented AI and computer vision algorithms, LEADTOOLS SDKs have helped developers Build Better Apps for over... [Read More →](#)

Thursday February 22, 2024 10:30am - 10:45am PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

10:30am PST

PRO TALK: Chat with Data Benchmark: Understanding Synergies between Large Language Models and Knowledge Graphs

Juan Sequeda, data.world, Principal Scientist and Head of the AI Lab

With the advent of Generative AI and Large Language Models (LLMs), the prospect of conversing with SQL databases has garnered significant attention in the enterprise. However, the accuracy of LLMs in this context remains unclear. Many claim that the missing link to providing essential enterprise context to LLMs is found in Knowledge Graphs. This begs the question: to what extent do Knowledge Graphs increase accuracy?

A comprehensive benchmark is required to understand these capabilities and limitations. Although there is a vast number of question answering and Text-to-SQL benchmarks already, they are disconnected from enterprise settings because they lack 1) enterprise relational schemas, 2) questions ranging on a variety of business complexity, and 3) well defined and governed metadata that serves as business context in the form of a Knowledge Graph.

In response, the Chat with Data benchmark was created, a framework which addresses enterprise AI needs by assessing the accuracy of LLMs to answer natural language questions over enterprise SQL databases, and investigating how Knowledge Graphs can enhance that accuracy. Juan Sequeda, Principal Scientist & Head of the AI Lab at data.world, will introduce the benchmark and the methodology behind it, share ongoing work and the latest results, and discuss how organizations can adopt the framework for their internal uses.

Speakers



Juan Sequeda

Principal Scientist and Head of the AI Lab, data.world

Juan Sequeda is the Principal Scientist and Head of the AI Lab at data.world. He holds a PhD in Computer Science from The University of Texas at Austin. Juan's research and industry work has been on the intersection of data and AI, with the goal to reliably create knowledge from... [Read More →](#)

Thursday February 22, 2024 10:30am - 10:55am PST

[PRO Stage A](#)

[AI & Machine Learning Conference](#)

- **Certificates** AI & ML Certificate, Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, Data Engineering Conference
- **In-Person/Virtual** In Person

10:30am PST

PRO TALK: Standard Webhooks - Doing Webhooks Right

Tom Hacohen, Svix, Founder & CEO

Matt McClure, Mux, Co-founder and Head of Developer Experience

Standard Webhooks is an initiative to standardize webhooks and make them better for producers, consumers, and the ecosystem as a whole. The steering committee consists of leaders from Twilio, Kong, Mux, Supabase, Lob, ngrok, Svix, and Zapier.

Webhooks are becoming increasingly popular and are used by many of the world's top companies for sending events to users of their APIs. However, the ecosystem is fragmented, with each webhook provider using different implementations and varying quality. Even high quality implementations vary, making them inherently incompatible. This fragmentation is a pain for the providers and consumers, stifling innovation.

For consumers, this means handling webhooks differently for every provider, relearning how to verify webhooks, and encountering gotchas with bespoke implementations. For providers, this means reinventing the wheel, redesigning for issues that have already been solved (security, forward compatibility, etc.).

We propose a simple solution: standardize webhooks across the industry. This design document outlines our proposal, a set of strict webhook guidelines based on the existing industry best practices. We call it "Standard Webhooks".

This talk will cover the challenges that led to the creation of standard webhooks, the project itself, and how it's already affecting the industry.

Speakers



[Tom Hacohen](#)

Founder & CEO, Svix

Tom is the founder and CEO of Svix, the enterprise ready webhooks service, which is backed by Y Combinator, Andreessen Horowitz (a16z), Aleph, and founders and CTOs of companies such as Github, PagerDuty, Segment, and Lookout. He has previously led teams at both the Israeli intelligence... [Read More →](#)



[Matt McClure](#)

Co-founder and Head of Developer Experience, Mux

Matthew is an internet video nerd. He's the co-founder and Head of Developer Experience at Mux, a startup building online video infrastructure for developers, was a core-contributor to Video.js, the biggest HTML5 video framework, and the organizer of Demuxed, the largest video-focused... [Read More →](#)

Thursday February 22, 2024 10:30am - 10:55am PST

PRO Stage B

API & Microservices Conference

- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference
- **In-Person/Virtual** In Person

10:30am PST

PRO TALK: Taking Steps Towards Real-Time Risk Assessment

Shannon Murphy, Trend Mirco, Global Growth Strategy, Emerging Technologies

In this session, the speaker will share the three challenges that infosec leaders are facing today. She begins with the threat actor evolution, considers the threat activity evolution, looks at the attack surface scale and security tool sprawl to paint an accurate picture of the current landscape. She will then offer three ways that the cybersecurity industry is adapting and how decision makers can increase their own visibility into potential challenges and shift their focus to risk prioritization. Finally, the speaker will discuss ways to maintain a strong team culture in the face of economic downturn.

Attendees will:

- Delve into the ways cybercriminals, nation state actors and insiders react to various economic situations and what that means for your business.
- Realize how to consider risk across cloud native applications and other technologies that are changing within organizations.
- Understand the mindset shift required to focus on risk prioritization and learn how to navigate uncertainty across today's cybersec landscape

Speakers



Shannon Murphy

Global Growth Strategy, Emerging Technologies, Trend Micro

Shannon Murphy has nearly a decade in cybersecurity and technology experience in the role of security in business and the workforce of the future. A subject matter expert in emerging SOC solutions including XDR, attack surface management and Zero Trust implementations, she is at the... [Read More →](#)

Thursday February 22, 2024 10:30am - 10:55am PST

PRO Stage D

[DevOps Summit](#)

- **Certificates** [DevOps Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevOps Summit](#)
- **In-Person/Virtual** [In Person](#)

10:30am PST

[OPEN TALK: Build a React App on Virtualized, Open-Source Data \(in 10 min\)](#)

Andrew Johnson, Fluree, Lead Software Engineer

How quickly can we build a front-end app on data that we don't own or host? In this laptops-out session, we'll virtualize real-time data from a hosted, open-source database into a react native application. As the owner of that database (in this case, your speaker, Andrew) updates the database, your own application will update before your very eyes with no extra layers of programming!

Key takeaways from this session include:

1. Real-time data integration: Learn the art of seamlessly integrating open-source data from anywhere into your React application.
2. Data virtualization in action: Witness the power of data virtualization as your application updates instantaneously, providing users with real-time data experiences.
3. Real-world applicability: Gain insights into how this approach can be applied to real-world scenarios, enabling you to create dynamic, responsive applications on top of shared databases

Speakers



[Andrew Johnson](#)

Lead Software Engineer, Fluree

Andrew Johnson is a lead software engineer at Fluree, PBC where he leads architecture and implementation for client projects. He's worked on software development solutions for projects that include university student information systems, patent publication records, consumer data ownership...

[Read More →](#)

Thursday February 22, 2024 10:30am - 10:55am PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Cloud-Native Conference](#), [Data Engineering Conference](#)
- **In-Person/Virtual** [In Person](#)

10:30am PST

[OPEN TALK: Hackathon Kickoff Talks](#)

Thursday February 22, 2024 10:30am - 11:00am PST

[OPEN Expo Discovery Stage](#)

[4. Hackathon](#)

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

10:30am PST

[Dev Roundtable: Hersh Tapadia, Co-Founder & CEO, Allstacks](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Hersh Tapadia](#)

Co-Founder & CEO, Allstacks

Hersh Tapadia, co-founder and CEO at Allstacks, is a serial entrepreneur and engineer who is interested in solving problems that are at the heart of customer challenges. Hersh co-created Allstacks with the belief that engineering should be a leader in the boardroom. That leadership... [Read More →](#)

[Read More →](#)

Thursday February 22, 2024 10:30am - 11:00am PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit
- **In-Person/Virtual** In Person

10:30am PST

KEYNOTE: StackSpot -- Why Does Nobody Love Gen AI for Coding?

Caio Jardim, StackSpot, Product Growth Director
João Batista, StackSpot, Product Manager

Despite its potential to revolutionize software development, Generative AI tools for coding often face skepticism and underutilization. This presentation explores the underlying reasons among developers, especially concerns about accuracy and reliability, and the significant learning curve associated with integrating these tools into existing workflows. With the power of Hyper-contextualization, we believe that by addressing these barriers, we can unlock the full potential of Gen AI for coding, fostering a more collaborative and efficient future in software engineering.

Speakers



Caio Jardim

Product Growth Director, StackSpot

Caio Jardim is the Product Growth Director at StackSpot. Passionate about innovation and working with great talents, he leads the Growth team of this Developer Platform, focused on helping developers be more productive in their projects and companies. With an international career... [Read More →](#)



João Batista

Product Manager, StackSpot

Born in Brazil, he studied Electronic Engineering in Florianópolis and London and has worked in companies based in Brazil, USA and also China. He is passionate about developing high-quality products with emphasis on customers' needs. Additionally, he has always been enthusiastic... [Read More →](#)

Thursday February 22, 2024 10:30am - 11:20am PST

DeveloperWeek Main Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

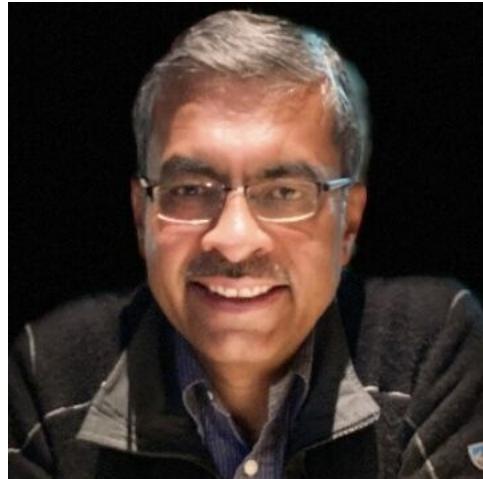
10:45am PST

Sponsor Spotlight: Oracle Live Demo, Live Q&A (post speaking session))

Q&A session with Oracle Speaker, Sanjay Goil. Please come and hear firsthand the latest and greatest Developer updates, and lean in to your most pressing questions.

Booth #609

Speakers



Sanjay Goil

Vice President, Product Management, Oracle

Sanjay Goil is Vice President Product Management in the Oracle Database Emerging Technologies team. He works on developer platforms for making it easy to build web/mobile applications with Oracle Database. Data and AI are at the forefront of these data-driven and event-driven applications... [Read More →](#)

Sponsors



Oracle

Whether you're just getting started with Oracle Cloud Infrastructure, diving into machine learning, searching for ways to simplify container orchestration practices, or streamlining software delivery methodologies, we have what you're looking for.

Thursday February 22, 2024 10:45am - 11:00am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

[Sponsor Spotlight: SONAR \(Live Demo\)](#)

Enjoy us in booth #210 for a live demo of SonarQube and SonarCloud

Sponsors



Sonar

Sonar equips developers and organizations to systematically achieve a state of Clean Code so that all code is fit for development and production. Trusted by 7+ million developers Sonar helps build responsible, secure, high-quality code quickly and systematically. Its open-source and... [Read More →](#)

Thursday February 22, 2024 11:00am - 11:15am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

PRO TALK: Navigating LLM with Retrieval Augmented Generation (RAG) to Avoid Hallucinations

Venkata Karthik Penikalapati, Salesforce, Senior Member of Technical Staff
Sudheer Kumar Reddy Gowrigari, Salesforce, Engineering Manager

As businesses increasingly explore the integration of Gen AI and large language models (LLMs) into their operational services, a common question arises: How can we seamlessly incorporate LLMs into our existing solutions, IT systems, databases, and proprietary business data?

For companies with extensive product catalogs and discrete information sources, concerns may arise regarding the accuracy of LLMs in retaining knowledge about our vast product offerings. It's crucial to ensure that LLMs do not produce erroneous hallucinated results, which could be detrimental to the customer experience.

Furthermore, when it comes to LLM-based applications, maintaining accuracy and preventing hallucinations are paramount to provide a reliable service. Fortunately, there's a practical solution: grounding through embeddings and harnessing the power of vector search.

For businesses aiming to optimize their internal knowledge retrieval systems, this approach offers a swift and effective means of enhancing customer experiences, streamlining access to valuable information, and ultimately driving business success.

During this presentation, we will delve into a search solution that leverages vector search in conjunction with LLMs to provide more personalized results.

Speakers



Venkata Karthik Penikalapati

Senior Member of Technical Staff, Salesforce

Venkata Karthik Penikalapati is a seasoned software developer with over a decade of expertise in designing and managing intricate distributed systems, data pipelines, and ML Ops. Armed with a Master's degree in Computer Science from the University at Buffalo, his knowledge spans the... [Read More](#)



[Sudheer Kumar Reddy Gowrigari](#)

Engineering Manager, Salesforce

Sudheer Kumar Reddy G is a dynamic Engineering Manager at Salesforce since August 2023, recognized for his leadership in software solution development and project management. At Salesforce, he leads a high-performing team, driving the strategic implementation of innovative software... [Read More →](#)

Thursday February 22, 2024 11:00am - 11:25am PST

PRO Stage A

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference
- **In-Person/Virtual** In Person

11:00am PST

PRO TALK: Prepare and Protect: The Evolving API Threat Landscape

Ravi Balupari, Imperva, API Security and other Cloud-Native Security

As APIs increase in volume, they are becoming an even more valuable target for cybercriminals. Not only do they offer a pathway for hackers to access vast amounts of sensitive data, but security teams often struggle to keep up with the pace of API development in their organization. This session will offer the three most common risks businesses face when deploying APIs and the three most common ways these APIs are targeted.

- Discover the most common API attacks and how to defend against them
- Learn how to uncover deprecated APIs and other common API implementation pitfalls
- Hear ways to protect your mobile APIs from fraud and abuse

Speakers



Ravi Balupari

API Security and other Cloud-Native security solutions, Imperva

Ravi Balupari is leading the product development of API Security and other Cloud-Native security solutions at Imperva. He is also the Co-founder and CTO of CloudVector, industries first API Security solution that was acquired by Imperva in 2021. He has extensive experience in the... [Read More →](#)

Thursday February 22, 2024 11:00am - 11:25am PST

PRO Stage B

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [API & Microservices Conference](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

[PRO TALK: Turbocharged CI/CD Pipelines: Unleashing DevOps Excellence and DRY Magic](#)

Prashant Patil, Dell Technologies, Architect

To reinvent the wheel is to attempt to duplicate, most likely with inferior results and technical debts. Within a large-scale organization the true cost of CI/CD is the toil involved when effort is repeated to create the same or similar pipeline functionality. What we discovered during a CI/CD journey is that the key to creating powerful and efficient CI/CD or automation testing pipelines is in not writing pipeline logic at all. The formula that was unlocked

is in focusing on the atomic level of the reusable code within pipeline stages. By harnessing the power of creating small opinionated, thoroughly tested and properly versioned libraries, the ability for teams at scale to easily create pipelines by snapping together functionality from a catalog of libraries was unlocked. Join this speaker duo on a tour as they demonstrate a working system of atomic elements that helped to supercharge their DevOps teams, allowing them to create CI/CD and Test Automation pipelines for an organization at scale.

Speakers



Prashant Patil

Architect, Dell Technologies

Prashant Patil is a lifelong learner who exemplifies adaptability, problem-solving, and leadership. He obtained his Master's degree from Southern Methodist University in 2006 and began his career as a Performance Test Engineer at AT&T. With a meticulous attention to detail, he streamlined...

[Read More →](#)

Thursday February 22, 2024 11:00am - 11:25am PST

PRO Stage D

DevOps Summit

- **Certificates** DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit
- **In-Person/Virtual** In Person

11:00am PST

PRO TALK: Why Improving Developer Experience Is the Key to Unlocking Developer Productivity: 4 Actions To Brin

Preeti Kota, Atlassian, Head of Engineering for Compass

Today, the role of a developer is becoming increasingly complex. In a you-build-it, you-run-it world devs are asked to do everything from deploying code, monitoring performance, managing infrastructure, worrying about scale on-demand, analyzing data and addressing incidents - in addition to writing code. But increasingly developers feel disconnected from their craft - the complexity of their role is impacting happiness and the quality and speed of software they produce.

Rather than focusing on developer productivity, teams should focus on fostering “developer joy” by removing friction and empowering teams with practices that grant them greater autonomy. Better developer experiences, not developer productivity is the secret to reconnecting developers with the love of their craft.

In this session, Preeti will discuss four steps to bring “developer joy” back into the software development lifecycle including:

Involve developers in the early stages of product development so they can understand the value they’re creating, build with the customer in mind and create realistic timelines and priorities with leadership.

Let developers use their preferred tools! According to Atlassian's State of Developer Survey, greater autonomy makes developers happier at work, despite more frequent context switching and increased job complexity (over 80%). We know that no single product can do it all. Instead, an open toolchain coordinated around one core application will let developers work where they want to work.

The productivity cost of context switching. Context switching takes developers out of the zone and can deter them from solving the most complex problems, which deliver huge value for customers. Minimize distractions and keep them in the zone to develop mission-critical work.

Establish clear and agreed upon rituals across your entire software team. Building a high-performing software team requires teams to adopt these rituals, use the top tools and recruit people committed to solving the largest challenges. Teams cannot thrive without each piece of this triad.

Speakers



Preeti Kota

Head of Engineering for Compass, Atlassian

Preeti Kota is the Head of Engineering for Compass at Atlassian. She has over 20 years of experience across a breadth of engineering roles. She is a firm believer that people are at the center of everything we do and is excited to be building Atlassian's Developer Experience Platform.Outside... [Read More](#)



Thursday February 22, 2024 11:00am - 11:25am PST

PRO Stage C

DevOps Summit

- **Certificates** DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, Devtech Strategy Summit
- **In-Person/Virtual** In Person

11:00am PST

OPEN TALK: Software Lifecycle Odyssey: Navigating Challenges for Business Success

Batuhan Yildiz, Valven, Sr. Product Manager

Software development is a lengthy and complex odyssey, but understanding how to overcome challenges encountered along the way is key to achieving sustainable success in the business world.

In this odyssey, we'll focus on specific challenges within the software lifecycle and delve into actionable strategies to overcome them, all while keeping a keen eye on their direct impact on achieving business success. From inception to implementation, let's navigate the software development odyssey together and uncover the essential keys for triumph in the business realm.

Speakers



[Batuhan Yildiz](#)

Sr. Product Manager, Valven

Batuhan is a Sr. Product Manager at Valven Technology. With almost 10 years of experience in both product development and management, he is on a mission to lead software development companies to increase their development cycle visibility and improve efficiency in their organizations...

[Read More →](#)

Thursday February 22, 2024 11:00am - 11:25am PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit, DevLead Conference
- **In-Person/Virtual** In Person

11:00am PST

OPEN TALK: When Auth Goes Wrong: Debugging Authentication Nightmares

Kevin Gao, Descope, DevRel Engineer

Building and maintaining authentication for an app is a complex, time-consuming process. Despite best efforts, authentication can sometimes turn into a developer's nightmare, negatively impacting user experience, security, and business metrics.

In this session, Kevin Gao from Descope will:

- Delve into some common challenges developers face with authentication
- Share stories from the trenches on how auth can go wrong
- Provide debugging tips to prevent and solve specific authentication issues

Attend this session to arm yourselves with troubleshooting best practices to fix authentication problems when (not if) they happen.

Speakers



Kevin Gao

DevRel Engineer, Descope

Kevin is a DevRel engineer that has been working for the last few years as a software engineer, but has always been fascinated by how customers use and interact with the products and tools he works on. Before Descope, Kevin was a Lead Software Engineer at BoostUp.ai, overseeing the... [Read More →](#)

Thursday February 22, 2024 11:00am - 11:25am PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Devtech Strategy Summit](#), [Enterprise Summit](#), [Security Summit](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

[OPEN TALK \(ProductWorld\): The Mindset and Strategic Blueprint for Revolutionary Software Product Design](#)

Indu Chaube, Cisco, Software Architect and Engineer

Jasmin Guliani, Cisco, Technical Leader

In the fast-evolving landscape of software development, innovation is not merely a choice but an imperative. This conference, "Empowering Breakthroughs," is dedicated to exploring the essential mindset and strategic blueprint necessary for creating revolutionary software products.

Key Discussion Points:

The Innovation Imperative: Understand why innovation is crucial in today's software product design ecosystem and how it fuels market competitiveness.

Cultivating a Creative Mindset: Explore the mindset required to foster

innovation, encouraging out-of-the-box thinking among software designers and developers.

User-Centered Design: Delve into strategies for putting the user at the center of the design process, resulting in products that resonate and excel in user experience.

Agile and Lean Methodologies: Learn how agile and lean approaches can streamline development processes, enabling rapid prototyping and quicker time-to-market.

Balancing Creativity with Practicality: Discuss the art of finding the equilibrium between innovation and practicality, ensuring that innovative ideas are implementable.

Cross-Functional Collaboration: Understand the significance of collaboration between designers, developers, and other stakeholders in the software product design process.

Embracing Emerging Technologies: Explore how emerging technologies, such as AI, blockchain, and IoT, are shaping the future of software product design and how to harness their potential.

Ethical Considerations: Delve into the ethical dimensions of software product design, including data privacy, security, and responsible AI.

Measuring Impact: Discuss methods and metrics for evaluating the impact of innovative software product design on businesses and end-users.

This conference brings together industry leaders, innovators, and thought leaders to share insights, strategies, and best practices for driving software product design to new heights of innovation. Participants will leave with a deepened understanding of the mindset required for revolutionary software product design and a practical roadmap for achieving it.

Speakers



[Jasmin Guliani](#)

Technical leader, Cisco Systems

I am Jasmin Guliani, a technical leader at Cisco Systems with a passion for pushing the boundaries of software product design. With a proven track record of 15 years in the industry, I bring a wealth of experience and insights that have fueled groundbreaking projects. I specialize... [Read More →](#)



[Indu Chaube](#)

Software Architect and Engineer, Cisco Systems

Indu Chaube is a highly accomplished software architect and visionary leader with more than a decade-long track record in software product design and development, encompassing User Interface, User Experience, and web API domains. Collaborating with industry giants like Cisco and SAMSUNG... [Read More →](#)

Thursday February 22, 2024 11:00am - 11:25am PST

ProductWorld Main Stage

ProductWorld

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, ProductWorld, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Product Management Software & Innovation (ProductWorld)
- **In-Person/Virtual** In Person

11:00am PST

OPEN TALK: Can You Build a Career in Open Source?

Stormy Peters, GitHub, VP, Communities

We've seen open source evolve from being a disruption to becoming the bedrock of the modern world – and yet, the success achieved is nearly counterbalanced with developer burnout and disproportionate contributions. For far too long, developers have had to choose between their careers and open source passions – what they're paid to do vs what they actually love. Join GitHub VP of Communities Stormy Peters as she explores the challenges and opportunities that make or break the pursuit of open source careers and helps you answer the ultimate question – can you build a career in open source?

Speakers



Stormy Peters

VP, Communities, GitHub

Stormy Peters is VP of Communities at GitHub. She leads the teams responsible for enabling the online creators and open source communities on GitHub, including GitHub's community product efforts, developer relations, education, and other strategic programs. Throughout her career...

[Read More →](#)

Thursday February 22, 2024 11:00am - 11:50am PST

[OPEN Workshop Stage 1](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Dev Innovation Conference](#), [DevLead Conference](#)
- **In-Person/Virtual** [In Person](#)

11:15am PST

[Sponsor Spotlight: ReadMe \(Live Demo\)](#)

Join ReadMe in Booth #802 for a live demo & Q&A.

Sponsors



[ReadMe](#)

ReadMe transforms static API documentation into interactive developer hubs that help users succeed with your APIs. Help developers make their first call faster, quickly troubleshoot issues along the way, and get insights into API usage to focus your team on the highest-impact improvements. With... [Read More →](#)

Thursday February 22, 2024 11:15am - 11:30am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

11:30am PST

Sponsor Spotlight: Scramjet (Live Demo)

Join Scramjet in booth #608 for a live demo: **What the FaaS? How to make cloud functions easy again?**

Sponsors



scramjet

Scramjet

Scramjet instantly connects diverse data environments, streamlining integration with real-time scalability and efficiency.

Thursday February 22, 2024 11:30am - 11:45am PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

11:30am PST

KEYNOTE: Red Hat -- Driving Innovation through the Open Hybrid Cloud & Open Source AI

Ignacio Riesgo, Red Hat, Senior Director, Developer Marketing & Strategy

Every company is now a Hybrid Cloud company leveraging a multi-cloud environment to manage their business and drive innovation. Open Source is the fuel driving the movement with microservices, containers, Kubernetes and AI incubated, developed and optimized in an Open Source environment. The challenge can be keeping track of what is coming next, staying ahead of the technology curve, to position your organization for continued success.

At Red Hat, Hybrid Cloud is the foundation of everything we do, leveraging Open Source in a multi-cloud environment to kickstart innovation. With the advent of Generative AI as an accelerant to business transformation, having an Open Source strategy for AI empowers organizations to harness the full potential of their data and technology stack. We will share innovations available today -- and new technologies and approaches currently in development that will accelerate development cycles and optimize your cloud performance.

Speakers



Ignacio Riesgo

Senior Director, Developer Marketing & Strategy, Red Hat

Ignacio Riesgo is Senior Director, Developer Marketing & Strategy, Global, for Red Hat. In his role, he leads all Developer Outreach Programs, Content and Advocacy initiatives.

Thursday February 22, 2024 11:30am - 11:55am PST

[DeveloperWeek Main Stage](#)

[5. KEYNOTES & FEATURED TALKS](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, DevLead Conference
- **In-Person/Virtual** In Person

11:30am PST

PRO TALK: Magic of Automation and Everyday Chores

Mike Hansen, Sonatype, SVP of Engineering

What if you had a magic wand that could help you do your everyday chores? With the rise of magical AI systems like ChatGPT is this becoming a reality? Other than creating some basic code, writing tv scripts and generally scaring society a little, what else could this magic be used for?

Developers all have similar repetitive responsibilities that realistically after a few times seem like plain sense. That could be something like creating the bare bones of an application, checking PR's for best coding practices, finding bugs in your code, or checking your dependencies to make sure they are not vulnerable. The potential of AI systems in everyday developer life is huge!

In this session, we will talk about the current state of AI, how it is changing our lives and what tools that leverage this magic are available today that can make us more productive. Mastering the dark arts of automation and knowing what AI is capable of can allow us as developers to spend more time doing other things while making our applications more secure, performant, durable, and maintainable. While this magic is not going to replace us any time soon, it sure can make our lives much easier!

Speakers



[Mike Hansen](#)

SVP of Engineering, Sonatype

As the head of engineering for Sonatype, Mike brings more than 20 years experience building and leading global product development organizations in the creation of new market innovations ranging from start-ups to the Fortune 100. He's been at the leading edge of innovation in areas... [Read More →](#)

Thursday February 22, 2024 11:30am - 11:55am PST

[PRO Stage A](#)

[AI & Machine Learning Conference](#)

- **Talk Type** [PRO TALK](#)
- **Track or Conference** [AI & Machine Learning Conference](#)
- **In-Person/Virtual** [In Person](#)

11:30am PST

[PRO TALK: Building Friction-Free Products on Public APIs](#)

Kyle Fowler, Foursquare, Senior Director of Engineering

In this session, Kyle Fowler, Senior Director at Foursquare, will share a product team's journey in transforming product specific APIs built to support owned and operated apps into versatile general-purpose APIs that enable location-centric experiences in any application. Using Foursquare's mobile dev toolkit as a case study, Kyle will explain how to level-up the developer workflow by offering enhanced features, easy implementation and ultimately, better personalized location awareness. Developers and engineering leaders will leave this session with a fresh perspective on how to gain a competitive edge by enabling a friction-free integration with their APIs.

Speakers



[Kyle Fowler](#)

Senior Director of Engineering, Foursquare

As Senior Director of Engineering, Kyle Fowler leads the development of our core enterprise data products. In addition to our Places and Visits products, Kyle and his team are responsible for the Foursquare developer tools, such as Pilgrim SDK and the Places APIs, as well as Foursquare's... [Read More →](#)

Thursday February 22, 2024 11:30am - 11:55am PST

PRO Stage B

API & Microservices Conference

- **Certificates** API Certificate, DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, DevOps Summit
- **In-Person/Virtual** In Person

11:30am PST

PRO TALK: The Role of Generative AI in Hybrid Cloud Security

Mike Milner, Trend Micro, VP Cloud Technology

As enterprise security operations centers (SOCs) absorb cloud security functions, new cybersecurity challenges will emerge. Could generative AI be one solution to this organizational shift? While generative AI is still in its early stages and benefits are often exaggerated due to the hype, the technology can help by laying a secure cloud foundation and empowering SOC teams to respond effectively when threats arise. This session will consider the role of generative AI in hybrid cloud security, including whether it could be used to quickly establish where the enterprise environment is most at risk when facing a potential threat; how Cloud AI companions might speed up infrastructure creation; whether they can enable non-cloud specialists to solve security problems; and if this technology shift might reduce friction between dev and security teams.

Speakers



[Mike Milner](#)

VP Cloud Technology, Trend Micro

Mike Milner is the VP Cloud Technology at Trend Micro. He's experienced the breadth of opportunities technology and data intelligence have created for businesses and governments. Between fighting cybercrime for the Canadian government and working for security agencies overseas... [Read More →](#)

Thursday February 22, 2024 11:30am - 11:55am PST

[PRO Stage D](#)

[Cloud-Native Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

11:30am PST

[OPEN TALK \(ProductWorld\): Growth Beyond Boundaries: The Product-Led Way](#)

Priya Singh, Informatica, Principal Product Manager

Product-led growth (PLG) is a business strategy and growth model that prioritizes the product itself as the primary driver of customer acquisition, retention, and expansion. This approach shifts the focus away from traditional

sales and marketing methods to rely more on the inherent value and usability of the product to attract and retain customers. Join this session to get key insight and examples of how Product Led Growth has led to streamline adoption, enhance user satisfaction, and achieve sustainable growth in a competitive market .

Speakers



[**Priya Singh**](#)

Principal Product Manager, Informatica

14 years of experience in Product design , development and Product Management . A results-driven professional, Priya combines a deep understanding of market trends with a passion for user experience, ensuring that every product under her purview is not just functional, but also resonates... [Read More →](#)

Thursday February 22, 2024 11:30am - 11:55am PST

[ProductWorld Main Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [ProductWorld, Product Manager Roundtable Talks \(ProductWorld\)](#),
[Product Management Software & Innovation \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

11:30am PST

[OPEN TALK: Monorepos Don't Have to Suck](#)

Ankit Jain, Aviator, Cofounder & CEO

In this talk, we will delve into the ongoing discourse surrounding monorepos and polyrepos. We will explore why monorepos are hard to manage and present a fresh perspective on rethinking monorepos as a collection of multiple repositories to enhance scalability.

While various tools like Bazel, Gradle, NX, and Turborepo assist teams in handling builds within a monorepo, there remains a broader spectrum of considerations for the entire development workflow. From code reviews and ownership to code merging, deployment, release management, auditing, debugging, and monitoring, we'll examine the comprehensive landscape.

Discover how the implementation of a single source of truth for identity throughout the development workflow can streamline monorepo

management, offering insights and strategies for a more efficient and effective development process.

Speakers



Ankit Jain

Cofounder & CEO, Aviator

Ankit is a co-founder and CEO of the developer experience platform Aviator Technologies and he also leads the ex-Google alumni network (Xoogler.co). Previously he led engineering teams at Sunshine, Homejoy, and Shippo. Prior to that, Ankit was also an EIR at Unshackled Ventures and... [Read More →](#)

Thursday February 22, 2024 11:30am - 11:55am PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Dev Innovation Conference](#), [DevLead Conference](#)
- **In-Person/Virtual** [In Person](#)

11:30am PST

[OPEN TALK: The Subtle Art of API Rate Limiting](#)

Josh Twist, Zuplo, CEO

Let's talk about what really matters when it comes to API rate limiting. Spoiler:

it's not token-bucket algorithm vs sliding window! Here, we get into the nitty-gritty of what really matters when protecting your API and balancing the tradeoffs of consumer experience and performance.

Speakers



[Josh Twist](#)

CEO, Zuplo

Josh is the co-founder and CEO of Zuplo – a serverless, OpenAPI-native, edge gateway. Prior to founding Zuplo, Josh was Head of Product at Stripe, Lead the Next Experiences organization at Facebook and Founded several products in Microsoft Azure, including Azure API Management... [Read More](#)



Thursday February 22, 2024 11:30am - 11:55am PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference
- **In-Person/Virtual** In Person

11:30am PST

[Dev Roundtable: Madhuri Muttreja, Enterprise data architect, DISH Wireless](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Madhuri Muttreja](#)

Enterprise Data Strategy and Architect, DISH Network

Thursday February 22, 2024 11:30am - 12:00pm PST

[Roundtable Room](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference
- **In-Person/Virtual** In Person

11:45am PST

Sponsor Spotlight: Gravitee.io (Live Demo)

Live demo of Gravitee.io with Alex Drag and Anthony Gatti

Booth 206

Sponsors



[Gravitee.io](#)

As more organizations realize the need to adopt event-driven communication patterns and expose real-time data streams across consumer sets, legacy API Management solutions won't keep up. Unlike these solutions that focus primarily on REST APIs, the Gravitee event-native API Management... [Read More →](#)

Thursday February 22, 2024 11:45am - 12:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

12:00pm PST

[Sponsor Spotlight: Daytona \(Live Demo\)](#)

Demo of the Daytona, a Development Environment Management platform. It supports Dev Containers and seamlessly integrates with any IDE or Git provider. It is self-hosted it and offers high-density workspaces while ensuring a great developer experience.

Leading the activity will be Ivan Burazin.

Sponsors

[Daytona](#)

[Daytona](#)

Daytona, the enterprise-grade GitHub Codespaces alternative, is a secure, scalable, and standardized Development Environment Management platform. It supports Dev Containers and seamlessly integrates with any IDE or Git provider. The unique value of Daytona is that you can self-host... [Read More →](#)

Thursday February 22, 2024 12:00pm - 12:15pm PST

[Expo Hall -- Exhibit Hall West](#)

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

12:00pm PST

Dev Roundtable: Farah Chabchoub, Head of quality engineering & Strategic advisor, Build Quality

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Farah Chabchoub

Head of quality engineering & Strategic advisor, Build quality

Head of quality engineering and strategic excellence driver, Farah has been particularly interested in innovation and service quality improvement since her first career steps. After an experience of creating from scratch division, scaling up, and being a member of the management committee... [Read More](#)



Thursday February 22, 2024 12:00pm - 12:30pm PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit
- **In-Person/Virtual** In Person

12:30pm PST

Dev Roundtable: Matt Vaughn, Angular Architect, build motion

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Matt Vaughn](#)

Angular Architect, Build Motion

Building web applications from VBScript/ASP (1998) to Angular 15 (2023).

Currently focused on Angular: applications, custom libraries, tools, development environment, and applying enterprise patterns and practices in the front end. Author of "Angular Architecture Patterns" book. Builder... [Read More →](#)

Thursday February 22, 2024 12:30pm - 1:00pm PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

1:00pm PST

[Sponsor Spotlight: GitHub \(Live Demo\)](#)

Witness the power of GitHub Copilot, the globally embraced AI developer tool revolutionizing coding experiences. Senior Developer Advocate Jon Peck invites you to soar through a live demonstration, showcasing how this cutting-edge AI coding assistant enhances and streamlines developer workflows. Don't miss the chance to explore new heights in coding efficiency!

Booth # 209

Sponsors



GitHub

GitHub provides code hosting services that allow developers to build software for open-source and private projects in organizations.

Thursday February 22, 2024 1:00pm - 1:15pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)

- **In-Person/Virtual** [In Person](#)

1:00pm PST

KEYNOTE: Figma -- Streamlining Collaboration Between Design and Development

Marcel Weekes, Figma, VP Engineering, Product

Everyone wants to "ship better products, faster." But in reality, bringing quality designs to production can be a messy process. Learn why Figma built Dev Mode as a solution to optimize the workflows between designers and developers by increasing communication and alignment via a shared source of truth.

Speakers



[Marcel Weekes](#)

VP Engineering, Product, Figma

Marcel Weekes is VP of Engineering at Figma, where he oversees product and growth engineering efforts across Figma's collaborative design tool, FigJam, and Dev Mode. Marcel brings decades of experience and previously served as the VP of Engineering at Slack where he led the teams... [Read More](#)



Thursday February 22, 2024 1:00pm - 1:25pm PST

[DeveloperWeek Main Stage](#)

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

1:00pm PST

PRO TALK: How to Cure Generative AI Hallucinations with Observability

Jemiah Sius, New Relic, Director of Developer Relations

Generative AI (GenAI) applications are known to “hallucinate,” or confidently respond with false or made up information. Hallucinations are one of the biggest drawbacks to using this tech and are also famously hard to detect, prevent, and fix. But, researchers and engineers are racing to solve this problem as GenAI adoption increases.

So, for a DevOps team adopting this tech now, what’s the best way to tell when hallucinations happen, and most importantly, why?

Engineers, and the company’s bottom line, need a way to trace the path of the response—from the user’s prompt and integration with a large language model (LLM) to work by agents, API calls, and back to the end user. By monitoring every step, engineers can learn where hallucinations originate and apply a potential fix, like adding more context to the prompt or ensuring the LLM is re-summarizing responses accurately, so they can quickly take action and improve the quality of their results.

In this session, Jemiah Sius, director of developer relations at New Relic will explain how companies can use observability to help prevent GenAI hallucinations and share ways DevOps teams can improve their LLM integrations with context, agents, chained models, and more—with a focus on how to do it affordably.

In his role, Jemiah leads a global team focused on solving friction points for engineering teams—keeping them at the center of New Relic’s innovation strategy—so they can more easily find and fix issues before they impact their business and customers.

With that, he understands the challenges DevOps teams face and how, if deployed strategically, GenAI solutions can help solve those challenges.

Speakers



Jemiah Sius

Director of Developer Relations, New Relic

Jemiah is a Full-stack Engineer with 7 years of experience as a Marketing Director. His unique marketing background allows him to lead projects from conceptualization to a fully actualized product that aligns with the client's vision. His experience involves: designing and developing... [Read More →](#)

Thursday February 22, 2024 1:00pm - 1:25pm PST

[PRO Stage A](#)

[AI & Machine Learning Conference](#)

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** AI & Machine Learning Conference, Enterprise Summit
- **In-Person/Virtual** In Person

1:00pm PST

PRO TALK: developer.sas.com 2.0: How We Built It

Joe Furbee, SAS Institute, Developer Advocate and Developers Community Manager

Sure, we could have hired someone to (re)create our developer portal, developer.sas.com; however, we wanted the freedom to use our creativity and build our portal from the ground up. This session provides an overview of the steps we took to relaunch the SAS AI and analytics platform developer portal. Who was involved? What did we want to build? How did we go about accomplishing all this? We found out early on we needed more than an API architect and a developer advocate to create a modern, interactive developer experience. We needed front-end and API pipeline developers, UI designers, IT and hosting support, documentation, a marketing strategy, legal signoff, security, etc. SAS recognizes the importance of integration with open-source technologies and is investing in a world-class developer portal that will help developers work with SAS AI and analytics in new and exciting ways. The updated portal focuses on SAS APIs and use cases. It also provides resources for open-source integration with SAS software, SAS Viya programming, SDKs, and other SAS solutions – all focused on the developer's perspective. This is not a marketing pitch to promote the new portal. It is intended to cover the process we followed to deploy our site, who was involved, and things we hadn't thought about, but came up. And always, doing things with our developers in mind.

Speakers



[Joe Furbee](#)

SAS Developer Advocate and Developers Community Manager, SAS Institute

As a developer advocate at SAS, Joe serves as a liaison between the developer community and SAS technologies. He oversees developer.sas.com, which provides resources for developers on the SAS AI and analytics platform and open source, and writes articles on programming and SAS administration... [Read More →](#)

Thursday February 22, 2024 1:00pm - 1:25pm PST

[PRO Stage C](#)

[API & Microservices Conference](#)

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevExec Summit](#), [API & Microservices Conference](#), [Devtech Strategy Summit](#)
- **In-Person/Virtual** [In Person](#)

1:00pm PST

[OPEN TALK: Monolith to Microservices with the Axon Stack](#)

Ben Runchey, AxonIQ, Solutions Architect

Explore how the use of messaging as the foundation for communication within your services can provide you an effective roadmap to help your migration to microservices. Using Axon Server along with the Axon Framework we will demonstrate how to structure, run, and monitor your applications so they are able to effectively scale out (or up) to achieve your goals.

Speakers



[Ben Runchey](#)

Solutions Architect, AxonIQ

Ben Runchey is a Solutions Architect at AxonIQ where he helps customers find the best balance between business and tech when designing and developing their applications. He has been building messaging centric applications for the past 15 years on a variety of platforms from .NET to...

[Read More →](#)

Thursday February 22, 2024 1:00pm - 1:25pm PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, AI & Machine Learning Conference](#)
- **In-Person/Virtual** [In Person](#)

1:00pm PST

OPEN TALK: Unwind: Breaking the Psychology of Vendor Lock-in

Billy Thompson, Akamai, Cloud Engineering Manager

Do you base your goals and success criteria on what's good for you? Or what's good for your cloud provider? The phenomenon of vendor lock-in is widely acknowledged to over-sell and under-serve us, so why is this so prevalent? A cloud agnostic approach is a durable and highly sought after strategy, but it requires more than just redrawing an architecture. In this talk we'll explore the narratives and psychological aspects that shape our choice of tooling, and the art of the possible when that tooling works for us.

Speakers



[Billy Thompson](#)

Cloud Engineering Manager, Akamai

Billy Thompson is a Cloud Engineering Manager for Akamai Cloud Computing Services, helping customers design portable architectures and deploy them at scale. Billy holds an InfoSec degree and has a special interest in DevOps, Cloud-native and open source technologies, as well as Python...

[Read More →](#)

Thursday February 22, 2024 1:00pm - 1:25pm PST

OPEN Expo Innovation Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

1:00pm PST

PRO TALK (ProductWorld): API as a Product: Building Bridges Across the Enterprise

Tea Berg, Thrivent, Sr. Product Manager

Whether you work in a small startup or a large corporation, the truth is - everyone wants data. One of the simplest ways to provide data from various dinosaur legacy systems is by building API service integrations. As a product manager, how can you ensure that you are building the right product, and at the same time building the product right? This session will focus on the art of productizing data and APIs, share strategies on how to define a true MVP, and walk through an end-to-end iterative API product journey using a real world example.

Speakers



[Tea Berg](#)

Sr. Product Manager, Thrivent

With over a decade of experience in product roles across consulting and financial services, Tea is currently serving as a Sr. Product Manager for Enterprise Integrations at Thrivent. In her free time, she loves to walk her dogs around 10,000 lakes of Minnesota, and is a fierce champion... [Read More →](#)

Thursday February 22, 2024 1:00pm - 1:25pm PST

[PRO Stage B](#)

[ProductWorld](#)

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** ProductWorld, API & Microservices Conference, Product Lifecycle & Case Studies (ProductWorld), Product Manager Roundtable Talks (ProductWorld)
- **In-Person/Virtual** In Person

1:00pm PST

PRO TALK (ProductWorld): Walking the Tight Rope: Product Strategy for a Two-Sided Marketplace

Kunal Chhabaria, Walmart Connect, Senior Product Manager

Building a marketplace product is a tremendous task and the task becomes exponentially challenging when one envisions a two-sided marketplace product. In this talk, I aim to cover what a two-sided marketplace is, how could one decide the side (supply or demand) they should focus on when starting, when to pivot and what are the checks and balances to have in place to increase the chances to success.

Speakers



Kunal Chhabaria

Senior Product Manager, Walmart Connect

Hi, I'm Kunal! I'm a Senior Product Manager at Walmart Connect and am focused on building machine learning based bid and budget recommendations for advertisers on Walmart's digital platforms. I have close to 5 years of Product Management Experience and worked as a part of the Tata Group's... [Read More →](#)

Thursday February 22, 2024 1:00pm - 1:25pm PST

ProductWorld Main Stage

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, Product Management Software & Innovation (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** In Person

1:00pm PST

[Dev Roundtable: Indu Chaube, Software Architect and Engineer, Cisco](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Indu Chaube](#)

Software Architect and Engineer, Cisco Systems

Indu Chaube is a highly accomplished software architect and visionary leader with more than a decade-long track record in software product design and development, encompassing User Interface, User Experience, and web API domains. Collaborating with industry giants like Cisco and SAMSUNG... [Read More →](#)

Thursday February 22, 2024 1:00pm - 1:30pm PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Frontend Conference
- **In-Person/Virtual** In Person

1:00pm PST

OPEN TALK: Cultivating Innovation: The Vital Role of Tech Communities

Mrunk Pawar, Club TechBrewers, Founder and Lead

In this engaging talk, we will explore the profound impact of tech communities on innovation and professional growth. From open-source projects to local meetups, the tech community plays a pivotal role in shaping the landscape of technology. We'll delve into the importance of fostering collaborative environments, knowledge sharing, and networking within these communities. Discover how they serve as incubators for creativity, support systems for learning, and catalysts for career advancement. Join me as we unravel the secrets behind building thriving tech communities and understand why they are indispensable in our ever-evolving digital world. Whether you're a seasoned developer or just starting your journey in tech, this talk will highlight the significance of being a part of a vibrant tech community and how it can propel both individuals and the industry forward.

Speakers



Mrunank Pawar

Founder and Lead, Club TechBrewers

Thursday February 22, 2024 1:00pm - 1:30pm PST

[PeerConnect Lounge & Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference
- **In-Person/Virtual** In Person

1:00pm PST

[OPEN TALK: AI Made Just for You: The Power of Hyper-Contextualization.](#)

João Batista, StackSpot, Product Manager
Luiz Gustavo Borges, StackSpot, AI Specialist

In a realm often saturated with predictable discussions about artificial intelligence, StackSpot is pioneering a fresh approach to Gen AI. This approach is contextualized, aimed at empowering developers to not only comprehend, document, and test legacy code but also facilitate its seamless transition. The result? A remarkable surge in productivity and an astounding potential to expedite software deployment.

Ditching the clichés, StackSpot's innovative utilization of Gen AI redefines the landscape, forging a tangible bridge between technology and practicality, for software engineering teams.

Speakers



João Batista
Product Manager, StackSpot

Born in Brazil, he studied Electronic Engineering in Florianópolis and London and has worked in companies based in Brazil, USA and also China. He is passionate about developing high-quality products with emphasis on customers' needs. Additionally, he has always been enthusiastic... [Read More](#)

→



[Luiz Gustavo Borges](#)

AI Specialist, StackSpot

Graduated in Computer Science in 2019 from the Federal University of Uberlândia with a 1-year exchange at the Florida Institute of Technology through the Science without Borders program. Luiz specialized in backend, primarily JVM, now Python, and has more than 6 years of experience... [Read More →](#)

Thursday February 22, 2024 1:00pm - 1:50pm PST

[OPEN Workshop Stage 1](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

1:15pm PST

Sponsor Spotlight: Aviator Technologies (Live Q&A (post speaking session))

Come over to discuss your challenges with large repositories, and learn how to improve developer experience in monorepos. **Booth #315**

Ankit, founder and CEO of Aviator, will be leading the discussion.

Sponsors



Aviator

Aviator is a developer productivity suite of tools for teams of 50 plus engineers. We help engineering teams automate their code workflows to reduce dependencies and reduce the production cycle by offering a customizable merge queue. Aviator was founded by Ankit Jain in 2021.
Aviator... [Read More →](#)

Thursday February 22, 2024 1:15pm - 1:30pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

1:30pm PST

Sponsor Spotlight: Vonage (Live Demo)

Building an Automated Phone System in Less Than 5 minutes

Learn how you can build an automated phone system using the Vonage Voice API, and deploy it in a few minutes using Vonage's serverless platform.

Booth #410

Sponsors



Vonage

Vonage is a cloud communications platform that allows developers to integrate voice, video and messaging into their applications using their communication APIs. So whether you want to build video calls into your app, create a Facebook bot, or build applications on top of programmable... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:45pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

PRO TALK: Demystifying the Digital Dystopia: Improving User Generated Content Platforms with AI and ML

Todd Sharp, Twitch, Principal Developer Advocate

In the past year, GPT-4 opened the world's eyes to the power of Artificial Intelligence. This awakening has brought concerns of neural networks that blur the lines of reality and sentient systems that will take over the internet and push their own evil agenda on the masses. In reality, these developments in AI technology have the power to be used to make the internet a better place by helping with mundane tasks like content detection and moderation. For example, consider live streaming social applications. These applications are popular because of their interactive and unpredictable nature. However, that unpredictability comes with the risk of undesirable stream content and offensive or insensitive chat messages. Many platforms moderate content with manual admin intervention, but manual intervention isn't flawless. AI can help, but often lacks the contextual awareness of the manual approach. The best approach is a mix of manual and AI content detection and moderation.

In this session, we'll look at various approaches to content detection and moderation of live streaming platforms, and how to improve them with the help of AI. We'll see how to analyze live streams for offensive or inappropriate content and use that analysis as a prompt for moderator intervention. We'll also see how we can use AI content detection to assist in stream disc

Speakers



Todd Sharp

Principal Developer Advocate, Twitch

I'm a developer who advocates and evangelizes about interactive video streaming at Twitch. I've been writing code since 2004, and feel extremely lucky to be paid to do what I love and am truly passionate about. As part of my role as a Developer Advocate, I write lots of demos... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

PRO Stage A

AI & Machine Learning Conference

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, Enterprise Summit
- **In-Person/Virtual** In Person

1:30pm PST

PRO TALK: Combatting API Vulnerabilities with the 3 Pillars of API Security

Dan Barahona, APIsec University, Founder

In this session we will address the pressing issue of API security, investigating why APIs have become the "most frequent attack vector" according to Gartner, and analyzing real-world API breaches. Drawing from the recently released 2023 OWASP API Security Top 10, we will uncover the common vulnerabilities that expose APIs to exploitation. By understanding the 3 Pillars of API Security, encompassing governance, testing and monitoring, attendees will gain a comprehensive understanding of the essential elements required to safeguard APIs. The session will conclude with practical insights, offering best practices and valuable do's and don'ts for implementing and maintaining secure APIs.

Speakers



Dan Barahona

Founder, APIsec University

Dan is a 20+ year cybersecurity veteran, having held exec positions at companies including Qualys, ArcSight, Anomali and APIsec. He founded APIsec University in 2022 to offer free, non-vendor training on API security. The site has grown to over 50,000 students in its first 6 mont... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

[PRO Stage B](#)

[API & Microservices Conference](#)

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [API & Microservices Conference](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

[OPEN TALK: Choosing the Right Platform for Your .NET UI Application Development](#)

Hunter Haaf, MESCIUS, Technical Engagement Engineer

This will be a beginner, high level overview of .NET that will show the full breadth of application types you can build. It will also demonstrate how the platforms are structured, and pros/cons of similar platforms (i.e. Blazor vs ASP .NET MVC and WinForms vs WPF, etc).

Speakers



Hunter Haaf

Technical Engagement Engineer, MESCIUS inc.

As a Technical Engagement Engineer for MESCIUS inc., Hunter Haaf supports the entire span of Microsoft development platforms. He enjoys learning about the latest technologies developers are using. Previously, he worked in a computational biology lab at the University of Pittsburgh... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [Devtech Strategy Summit](#), [Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

OPEN TALK: How We 10X'd the Speed of Parsing CSV Data

David Boskovic, Flatfile, Founder/CEO

Building a parser capable of lexing faster than SSD I/O on a single thread solves one of the biggest bottlenecks in data transfer. Learn how Flatfile's research team has leapfrogged old boundaries by writing a single-threaded 2GB+/s CSV parser in Rust while adding five scalar formats to CSV in a backward-compatible way.

Speakers



David Boskovic

Founder / CEO, Flatfile

David Boskovic is the CEO and Co-founder of Flatfile, the hyper-growth platform on a mission to solve data onboarding for every company in the world. Boskovic first built Flatfile in 2018 after rage designing a CSV importer for the tenth time. His project quickly grew to a company... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [DevLead Conference](#), [Dev Innovation Conference](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

[OPEN TALK: Unlocking Peak Developer Productivity: Insights from the Frontlines of Engineering Leadership](#)

Iba Masood, Tara Al, Co-founder and CEO

In an era where engineering efficiency defines market leaders, discover groundbreaking insights from over 100 interviews with engineering leaders at the helm of public companies and fast-paced startups. Dive into the heart of developer productivity, and explore the metrics that truly matter, going beyond DORA.

This talk is not just another lecture; it's a roadmap to revolutionizing your teams. Learn to wield a coaching mindset as your most powerful tool in advancing engineering efficiency. We'll demystify the metrics that significantly impact team performance and unveil strategies to enhance productivity with statistical significance.

In this talk, we will answer the following questions:

Should you measure developer productivity, and if so, how do you approach it with a coaching mindset?

How are teams finding the most impactful metrics, and how do you go beyond arbitrary (and useless) measures like lines of code and big brother metrics?

How do you link developer productivity to business outcomes like lift in revenue?

By the end of the session, you will have a better understanding of impactful engineering metrics and leave with actionable insights on how to help your team maximize their engineering impact.

Speakers



Iba Masood

Co-founder and CEO, Tara AI

CEO and co-founder of Tara AI, Iba Masood, stands at the intersection of technology and productivity, leveraging data and machine learning to enhance developer performance. With recognition from Forbes 30 under 30 in Enterprise Technology, her work has attracted attention from TechCrunch... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [API & Microservices Conference](#), [AI & Machine Learning Conference](#), [DevLead Conference](#), [DevExec Summit](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

[PRO TALK \(ProductWorld\): Writing Good Product Fiction](#)

Chris Butler, GitHub, Staff Product Operations Manager

All product people write fiction. Unfortunately, it usually is pretty boring.

In this talk, Chris Butler will outline how he has taken notes from science fiction, speculative futures, design fiction, role playing games, and worldbuilding to create better product concepts. This allows the team to have a real conversation about the products we build rather than some perfect idea that lacks the key problems and externalities.

Speakers



Chris Butler

Staff Product Operations Manager, GitHub

Chris Butler is a Chaotic Good Product Manager and Group Product Manager for Google's Core Machine Learning team. His role focuses on strategy and PM'ing the PM experience. Chris has worked previously as a product leader at Microsoft, Facebook Reality Labs, Cognizant, KAYAK, and...

[Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [ProductWorld](#), [Product Teams: Managers & Developers & Designers](#)
[UI/UX \(ProductWorld\)](#), [Product Lifecycle & Case Studies \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

[PRO TALK: Simplifying Modern Security Operations with an Open-Source GitOps Framework](#)

Zach Wasserman, Fleet, Co-founder and CTO

Detection engineering plays a crucial role in today's security landscape, but implementing effective detection strategies can be complex and time-consuming.

In this presentation, Zach will discuss how an open-source GitOps framework can transform the way security teams manage their detection rules and policies.

The open-source GitOps framework offers several advantages for detection engineering. First, it allows security teams to collaborate and manage their

detection infrastructure in a more agile and effective manner. Second, it provides greater transparency and auditability, enabling teams to track changes to their detection infrastructure over time. Third, it enables automated deployment of detection rules and policies, reducing the risk of human error and improving the speed of response to security threats.

This presentation is based on Zach's experience building tools for detection engineering teams and supporting detection engineering initiatives across a number of organizations. It is intended to be pragmatic and show participants a framework to take back to their organization and start using today for free.

Speakers



Zach Wasserman

Co-founder and CTO, Fleet

Zach is a serial entrepreneur, engineer, co-founder and CTO of Fleet, where he works to unlock the full potential of osquery for enterprise and open-source customers. He brings the vision and experience of co-creating and working with osquery since the earliest design documents at... [Read More →](#)

Thursday February 22, 2024 1:30pm - 1:55pm PST

[PRO Stage D](#)

[Security Summit](#)

- **Certificates** [DevOps Certificate](#), [Security Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevOps Summit](#), [Enterprise Summit](#), [Security Summit](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

[Product Roundtable: Kunal Chhabaria, Senior Product Manager, Walmart Connect](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Kunal Chhabaria

Senior Product Manager, Walmart Connect

Hi, I'm Kunal! I'm a Senior Product Manager at Walmart Connect and am focused on building machine learning based bid and budget recommendations for advertisers on Walmart's digital platforms. I have close to 5 years of Product Management Experience and worked as a part of the Tata Group's... [Read More →](#)

Thursday February 22, 2024 1:30pm - 2:00pm PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [ProductWorld](#), [Product Lifecycle & Case Studies](#) ([ProductWorld](#)), [Product Manager Roundtable Talks](#) ([ProductWorld](#))
- **In-Person/Virtual** [In Person](#)

1:45pm PST

[Sponsor Spotlight: Akamai \(Live Demo\)](#)

Join Akamai in booth #207 as they showcase the security and privacy benefits of Virtual Private Clouds (VPC) in a real-world app with multiple servers, databases, and network connections, using Terraform.

Sponsors



Akamai

Akamai powers and protects life online. Leading companies worldwide choose Akamai to build, deliver, and secure their digital experiences – helping billions of people live, work, and play every day. Learn more about Akamai's cloud computing, security, and content delivery solutions... [Read More →](#)

Thursday February 22, 2024 1:45pm - 2:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[Sponsor Spotlight: Valven \(Live Demo, Live Q&A \(post speaking session\)\)](#)

A quick demo of Valven Atlas, AI-Powered Engineering Assistant, will take place by our product managers.

Booth #303

Sponsors



[Valven](#)

Valven prioritizes data-driven software development and productivity. In parallel with our vision to improve the productivity of software development teams, we have created Valven Atlas, an AI-powered engineering assistant. Valven Atlas helps visionary team leaders who want to reach... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:15pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[PRO TALK: Building AI Bots on Your Private Data with an Open Source Stack](#)

Andrew Zigler, Mattermost, Developer Advocate

In today's rapidly evolving AI landscape, organizations are increasingly seeking innovative ways to leverage their internal data to improve

productivity and reduce errors. In this workshop, we'll delve into the realm of building internal AI bots using an entirely open source stack. We'll set up a local Mattermost instance with a local Large Language Model (LLM) and train it on communication happening in those channels, allowing your team to harness the power of AI within your organization's private communication channels. You'll discover best practices for creating bots that seamlessly cater to the needs of multiple users to foster collaboration. We'll also shed light on critical safety and security concerns to ensure the responsible and secure use of AI with internal data. As the process of building an internal AI bot with open source tools and training it on data within a channel is demonstrated, you'll gain invaluable insights that will empower you to become a catalyst for AI-driven innovation within your own organization.

Speakers



[Andrew Zigler](#)

Developer Advocate, Mattermost

Andrew is a professional developer advocate at Mattermost where he creates resources to empower the open source community. After graduating from The University of Texas at Austin, he taught English abroad in Japan, learned to code between teaching classes, and later became the lead... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:25pm PST

PRO Stage A

AI & Machine Learning Conference

- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference
- **In-Person/Virtual** In Person

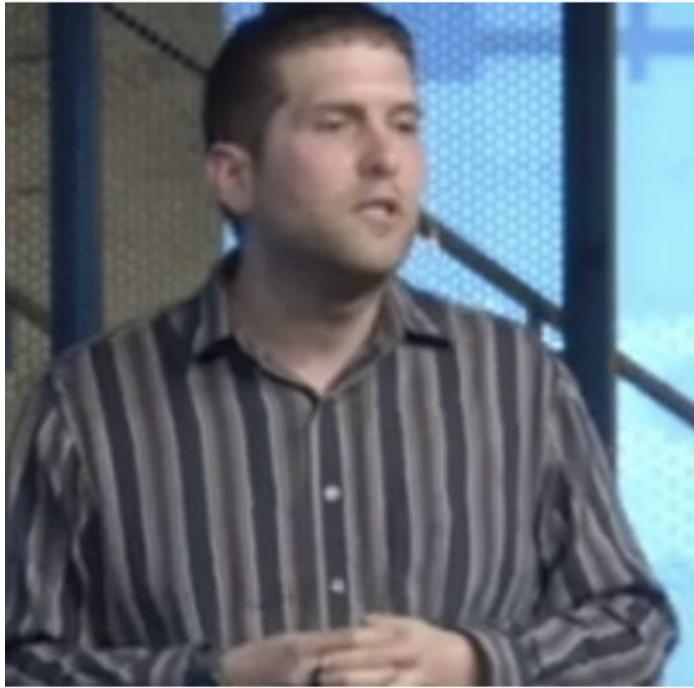
2:00pm PST

PRO TALK: API Governance: Befriending Your CI/CD Pipelines

Jeremy Glassenberg, API Strategists, Founder, API Product Consultant

Improvements in the API ecosystem make it easier for us to plan, implement, launch, and maintain APIs. And as our companies grow, ensuring that we have consistency in API designs across teams (API Governance) is easier to manage with new solutions as well. But establishing API standards at a large and growing company is only effective if teams actively adopt those standards. By better integrating with existing infrastructure, and in particular, working smoothly with each software team's CI/CD pipelines, API standards are far more likely to be applied. This session highlights how to make API design and development easier for various teams, by improving the API testing and release process, to ensure not only working APIs, but well-designed APIs.

Speakers



[Jeremy Glassenberg](#)

Founder, API Product Consultant, API Strategist

Jeremy is an experienced Product leader of over 16 years with a proven track record of building APIs and growing developer ecosystems at successful startups such as Box and Tradeshift. He's managed and expanded communities of tens of thousands of developers, executed high-profile...

[Read More →](#)

Thursday February 22, 2024 2:00pm - 2:25pm PST

PRO Stage B

[API & Microservices Conference](#)

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [API & Microservices Conference](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[OPEN TALK: Augmented Engineering: Code as You Meant It!](#)

Dedy Kredo, CodiumAI, Co-Founder and Chief Product Officer

AI assistants shouldn't just auto-complete some boilerplate code for you. They should boost your abilities across everything you do, and that's exactly what CodiumAI can do for you!

If you join this talk, you'll find out how CodiumAI's products sit alongside you in your IDE and your Git provider to give you on-demand code improvement suggestions, help you understand code written by someone who left the company five years ago, write your commit messages for you, assist you in submitting the highest quality pull-requests, help you review your assigned pull-requests far faster, and give you and your team the confidence to ship fast even at scale!

Speakers



Dedy Kredo

Co-Founder and Chief Product Officer, CodiumAI

Dedy, Co-Founder and Chief Product Officer of CodiumAI, steers the product and engineering teams with an ambitious mission: to empower developers to create software swiftly and flawlessly, harnessing the synergy of artificial and human intelligence. Prior to CodiumAI, Dedy took on... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:25pm PST

OPEN Expo Discovery Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference, AI & Machine Learning Conference
- **In-Person/Virtual** In Person

2:00pm PST

OPEN TALK: Into the Breach: Business Survival in the Age of Accelerating Cyber Threats

Jaime Jorge, Codacy, CEO

Security is increasingly becoming a shared responsibility across all teams involved in software development and deployment. Having a solid DevSecOps stack that integrates security from the outset ensures that security doesn't become a bottleneck in the later stages, preventing last-minute scrambles and vulnerabilities.

But is this a realistic approach for smaller teams at startups and mid-size companies? What is the easiest, most cost-effective way for any Engineering Manager to raise the bar on code quality and security? How can small teams ensure that every app meets their code quality, security and testing standards, before code is ever pushed to production?

In a world where AppSec is no longer an option but a necessity, we need to talk about what is a good enough start.

Speakers



Jaime Jorge

CEO, Codacy

Jaime is the CEO and co-founder of Codacy, a leading code quality platform trusted by over 600,000 developers around the world. He's been working in the code quality and software engineering tools industry for over 10 years and holds an M.Sc. in Software Engineering from IST. He... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:25pm PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [DevLead Conference](#), [DevExec Summit](#), [DevOps Summit](#), [Security Summit](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[PRO TALK \(ProductWorld\): Decoding the Early Stage Product Strategy:
Taking a Product from MVP to Release 1.0](#)

Amala Rangnekar, Workday, Product Manager

With the recent advent in cutting-edge technologies that were unheard of before, companies have started aggressively investing in the development of innovative products. However, products in a nascent stage can be intimidating to build, especially if they belong to a specialised domain. Products typically follow the lifecycle phases of introduction, growth, maturity and decline. However, the introductory phase is the most crucial one and can have long-lasting effects on the upcoming stages. In my session, I will cover best practices for product leaders who are building such products from scratch. This includes setting a product vision and strategy based on the market landscape when you have no existing roadmap and 0 customers. I will also share personal experiences on how I came up with the appropriate product phases of early stage, limited availability and general availability by observing the use-cases and stakeholders as well as customer patterns and feedback from existing competition. Lastly, I will explain how effective team processes, data analysis and a strong business acumen(marketing, positioning and product messaging) are a PM's best friend to help successfully deploy early stage products.

Speakers



Amala Rangnekar

Product Manager, Workday

I am a Product Manager in Workday's Search team(the backbone that powers Workday's global search bar and prompt based searches for customers). I recently completed my M.B.A from UCLA's Anderson School of Management, with a focus on Business Strategy and Product Marketing. I also have... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:25pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** ProductWorld, Product Lifecycle & Case Studies (ProductWorld),
Product Management Software & Innovation (ProductWorld)
- **In-Person/Virtual** In Person

2:00pm PST

PRO TALK: Cloud Security Demystified

Dale Rodriguez, Sysdig, Enterprise Sales Engineer

Mystified by the alphabet soup of cloud native security? Perhaps your productivity has been disrupted by the number of new acronyms - CWPP, CSPM, KSPM, and the list goes on. This talk will educate about these acronyms and their real world implications as well as provide best practices to address security issues for each one.

Speakers



Dale Rodriguez

Enterprise Sales Engineer, Sysdig

Dale Rodriguez is an Enterprise Sales Engineer at Sysdig. Having roles in Product Management, Systems Engineering, Technical Account Management and Customer Support Dale allows Dale to understand technology from various areas. Dale also uses this experience to leverage his idea of... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:25pm PST

[PRO Stage D](#)

[Security Summit](#)

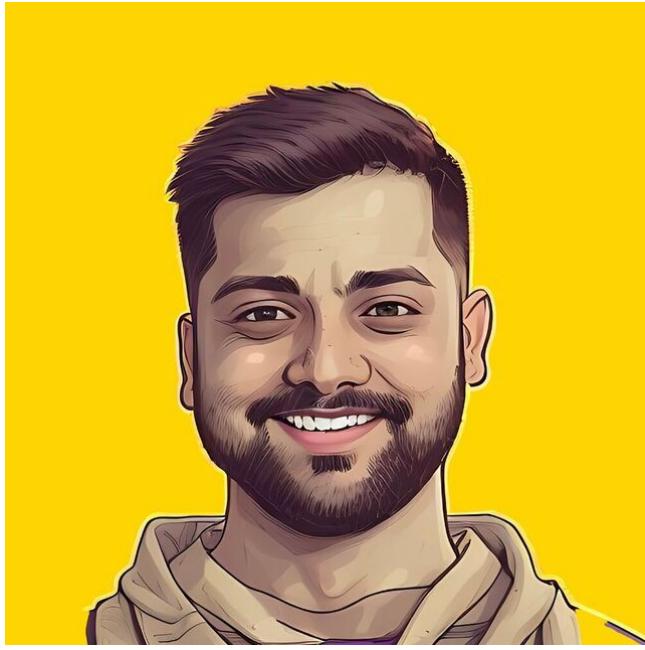
- **Talk Type** PRO TALK
- **Track or Conference** Security Summit
- **In-Person/Virtual** In Person

2:00pm PST

[Product Roundtable: Joy Chatterjee, Co-Founder, One Camp Consulting](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Joy Chatterjee

Co-Founder and Product Strategy Consultant, One Camp Consulting

Product Ops & Data Consultant, with over 10 years of experience in data science and 3 years in product led growth (PLG). Co-Founder and Product Strategy Consultant at One Camp Consulting, based in Berlin. For data, collaborative ventures with Mercedes, FedEx, Just Mad as well as AI... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:30pm PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [ProductWorld](#), [Product Teams: Managers & Developers & Designers UI/UX \(ProductWorld\)](#), [Product Manager Roundtable Talks \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[OPEN TALK: Database Strategies For Developing Better Mobile Apps](#)

Mark Gamble, Couchbase, Director, Product and Solutions Marketing

Mobile apps need to deliver real time responsiveness and maintain 24x7 uptime...and do so wherever the user happens to be - even if that's on a subway, airplane or elevator. Any failure to meet these requirements means a sub-par user experience which leads to app abandonment and a poor rating. To deliver on users expectations, developers need to ensure their mobile apps have fast access to the data that makes them run. But if they're using REST APIs in the cloud for data this can present challenges, not the least of which is a dependency on the internet - if the internet isn't available, neither is the app. Options and approaches for dealing with internet dead-zones are available, but which one is best for meeting speed and availability requirements, and what are the tradeoffs to keep in mind when making a decision?

This session will be a discussion of database strategies for mobile app development. We'll examine REST API pain points that every mobile developer has likely encountered, such as over and under fetching, back-and-forth data transformations, a lack of type or schema validation, and that pesky dependency on the internet. Talented developers can always code around the pain points, but this only adds complexity to the codebase and increases the processing footprint, which slows apps and erodes battery life. We'll explore a mobile database platform as the alternative that eliminates the REST pain points and removes internet dependencies. A mobile database platform includes a cloud database, an embedded database that runs on-device, and built-in data synchronization between them for consistency, which provides a more elegant development paradigm and makes apps faster and more reliable. Discussion will focus the essential elements of a mobile database, and discuss how to choose the best options for given requirements, and for the development team's skill set. I'll also talk about successful mobile customer use cases such as Lotum games, who use the Couchbase mobile database platform to power their hit game "4 pics, 1 word", which works even while disconnected from the internet. The session will also include a LIVE DEMO of a mobile database powered app where I will show data synchronization between multiple devices, both on and off the internet.

Topics include:

- Why REST presents challenges for mobile app development

- Enabling and handling data persistence on a mobile device
 - Essential database components like local data storage, data synchronization, and conflict resolution
 - What to look for in an intuitive query API, including SQL support
 - The importance of full-text search and flexible data models
 - How an off-the-shelf mobile database platform accelerates app development
-

Speakers



[Mark Gamble](#)

Director, Product and Solutions Marketing, Couchbase

Mark is a passionate product marketer with a technical and solution consulting background and 20+ years of experience in Enterprise and Open Source technology. He has launched several database and analytic solutions

throughout his career, and has worked with customers across a wide... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:50pm PST

[OPEN Workshop Stage 1](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Dev Innovation Conference](#), [Frontend Conference](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[OPEN TALK: How to Streamline Your Observability and OpenTelemetry Efforts](#)

Greg Leffler, Splunk, Observability Practitioner Director

Observability is still a super-hot buzzword, but what does it really mean? In this session, you'll get an overview of Observability and OpenTelemetry, then see a demo of the primary components of an Observability suite: Application Performance Management, Infrastructure Monitoring, Synthetic Monitoring, and log analytics. Join us to see how Observability can help you deliver better customer experiences, reduce MTTR, and make on-call more pleasant.

Speakers



[Greg Leffler](#)

Observability Practitioner Director, Splunk

Greg heads the Observability Practitioner team at Splunk, and is on a mission to spread the good word of Observability to the world. Greg's career has taken him from the NOC to SRE to SRE management, with side stops in security and editorial functions. In addition to Observability... [Read More →](#)

Thursday February 22, 2024 2:00pm - 2:50pm PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Cloud-Native Conference](#), [Dev Innovation Conference](#), [DevOps Summit](#)
- **In-Person/Virtual** [In Person](#)

2:15pm PST

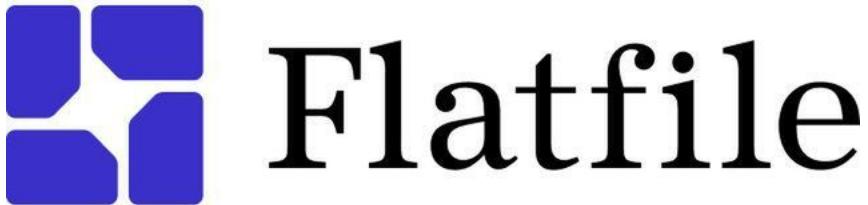
[Sponsor Spotlight: Flatfile \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Chat with our founder & CEO, David Boskovic, to see how we 10x'd the speed of parsing CSV data and join our live demo to find out how you can

use Flatfile's intuitive UX components and powerful SDKs to solve all of your data import, mapping, correction and cleaning requirements.

Booth # 309

Sponsors



Flatfile

Flatfile, the pioneer of AI-assisted data exchange, provides companies and software development teams with the easiest, fastest and safest way to build the ideal data file import experience for their users. Hundreds of companies like AstraZeneca, Square and Sage rely on Flatfile's... [Read More →](#)

Thursday February 22, 2024 2:15pm - 2:30pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

2:15pm PST

Sponsor Spotlight: Zuplo (Live Demo, Live Raffle/Giveaway)

Learn how to build an enterprise-grade API in 5 minutes with Zuplo.
Attendees will have a chance to win a special prize at the end of the day.

Booth # 211

Sponsors



Zuplo

API Management is broken.Zuplo is reinventing the API gateway / API Management market with a focus on Developer Experience, speed, collaboration and improving outcomes for API owners. Ship a stripe quality API in record time and bring order to the chaos of your API sprawl.

Thursday February 22, 2024 2:15pm - 2:30pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

2:30pm PST

[Sponsor Spotlight: Codacy \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Join a Live Demo from Codacy (**Booth #214**) by our engineering team, and stick around for a Q&A with our CEO Jaime Jorge, following the Live Talk "The DevSecOps Stack and What is Good Enough" on the main stage.

Pick up some limited edition Codacy socks and learn more about our raffle.

Sponsors



Codacy



Coder

Coder keeps developers in flow with solutions designed to increase developer productivity. Coder's browser-based IDEs (Integrated development environment) and cloud development environments (CDE) are open source software for developers and small application teams to create, access... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:45pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **In-Person/Virtual** In Person

2:30pm PST

[Sponsor Spotlight: Descope \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Drag & drop your auth! Watch the Descope team add customer login to an app in 10 minutes. Feel free to bring your stopwatch.

Booth #306

Sponsors



Descope

Drag and drop your auth. Descope helps every developer add secure, frictionless authentication and user management to their apps with a few lines of code. Our no-code workflows, SDKs, and APIs abstract away the complexity of authentication so that developers can spend more time building... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:45pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

2:30pm PST

[KEYNOTE \(ProductWorld\): Ammunition -- What's Worth Designing in The First Place? How to Build Great Products by Becoming Design-Driven](#)

Robert Brunner, Ammunition, Founder & Partner

What sets a good design apart from a great one? The answer is an unwavering, almost religious commitment to doing it right. Reflecting on his 40-year career designing iconic products for Apple, Beats, and more, Robert will break down his unique design ideology and perspective and the key ideas and behaviors that result in building something truly great. He'll share insights from working with high-profile tech founders and dive into how leaders can build a culture of faith and commitment in design needed to captivate customers and revolutionize your company's products.

Speakers



[Robert Brunner](#)

Founder & Partner, Ammunition

An early designer at Apple and Chief Designer of Beats by Dre, Robert is a globally acclaimed product designer with over 40 years of industry experience. As the Director of Industrial Design at Apple, he built its pioneering internal corporate design organization, Apple IDg. After... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:55pm PST

ProductWorld Main Stage

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld
- **In-Person/Virtual** In Person

2:30pm PST

PRO TALK: Weeding Out Code Vulnerabilities on Day Zero

Manikandan Vasu, Equinix, Principal Architect - Software Architecture and Engineering

Vanjikumaran Sivajothy, Equinix, Senior Manager - Software Architecture and Engineering

In the software development arena, the battle against code vulnerabilities and bugs is a mission that commences well before a program takes its first steps. This battle strategy is executed through the practice of static code testing, a technique that scrutinizes software code without executing it. By meticulously dissecting code syntax, structure, and characteristics, we unearth potential issues before they can evolve into costly challenges during the development journey.

In this session, Vanji and Mani will guide us through their journey of instilling a Day Zero DevSecOps culture and how they effectively eliminated vulnerabilities right from the outset. Their approach emphasizes the early identification and resolution of bugs, security vulnerabilities, and other glitches, thereby minimizing the cost and complexity of addressing them at a later stage. This proactive strategy not only enhances code quality but also reduces the likelihood of errors while fortifying security measures.

Speakers



[Manikandan Vasu](#)

Principal Architect - Software Architecture and Engineering, Equinix
Devsecops evangelist and Multi-cloud specialist.



[Vanjikumaran Sivajothy](#)

Senior Manager - Software Architecture and Engineering, Equinix
Vanji is a Senior Manager - Software Architecture and Engineering at a Fortune 500 company and a committer for the Apache Synapse Project. He spearheads a team of engineers to design and develop an API and

Developer Experience. He is also a veteran in the integration space and contributed... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:55pm PST

PRO Stage B

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, DevOps Summit
- **In-Person/Virtual** In Person

2:30pm PST

PRO TALK: Driving Go-to-Market Decisions Using Signals from Devex and Quality Metrics

Vilas Veeraraghavan, Truckstop, Vice President of Engineering

Far too many businesses attack the issue of decreasing velocity and reduced quality in a reactive manner - after an incident has occurred in production or a customer has escalated an issue. Instead, leaders should rely on DevEx and quality metrics as leading indicators of how successful a product rollout will be - these metrics can predict engagement, retention rates, as well as provide clear signals for adoption of new innovations by the end customer. This talk will share stories from the experimentation culture at Netflix and Walmart with a specific emphasis on how every organization can course correct their future delivery by comprehending and acting proactively on these metrics. The talk will define the DevEx and quality metrics, clarify how they are distinct from DORA metrics and will provide insights to the audience on how they can implement these metrics in their own firms.

Speakers



[Vilas Veeraraghavan](#)

Vice President of Engineering, Truckstop

Vilas has spent his past work life at Comcast, Netflix, Walmart and Bill building high performance teams that focus their attention on automation, chaos engineering, CI/CD at scale and improving developer productivity across the enterprise by enabling engineers to do more with tools... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:55pm PST

[PRO Stage C](#)

[DevLead Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** DevLead Conference, DevExec Summit, Devtech Strategy Summit
- **In-Person/Virtual** In Person

2:30pm PST

OPEN TALK: API Platform Best Practices: Creating APIs for Developer Delight

Alex Drag, Gravitee.io, Director of Product Marketing

Come learn the best practices and principles of designing, documenting, and publishing user friendly APIs that enhance the developer experience, improve adoption, and increase developer satisfaction.

Speakers



[**Alex Drag**](#)

Director of Product Marketing, Gravitee.io

Based in Fort Collins, CO. I started at Gravitee in January of 2022! work to help position Gravitee's technology story in a manner that attracts, engages, and educates our addressable market. Functionally, Product Marketing is responsible for positioning and messaging, content strategy... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:55pm PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference
- **In-Person/Virtual** In Person

2:30pm PST

[OPEN TALK: How Life360 Accelerated Engineering and Saved \\$1.7M on Annual Cloud Cost with EverOps](#)

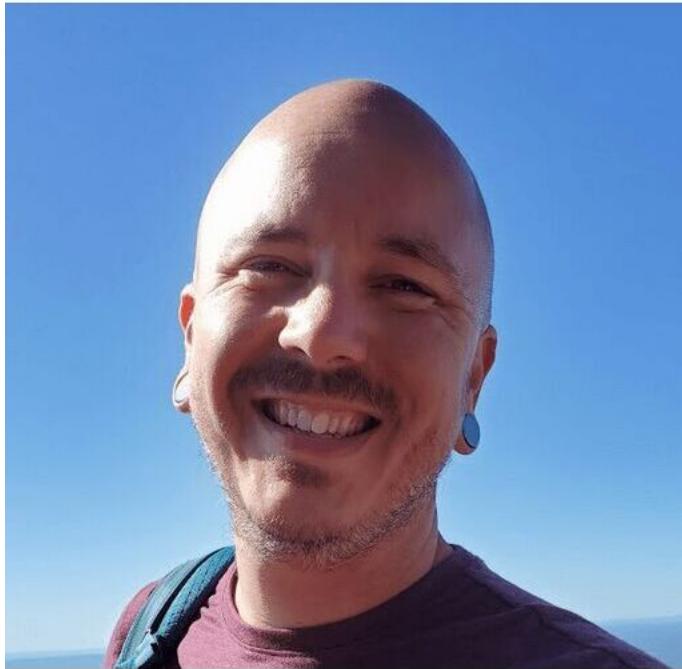
Stephen Koza, EverOps, CEO

Mike Connors, EverOps, Director Of Delivery - DevOps

Naveen Puvvula, Life360, Director, Cloud Operations

Explore the success story of Life360's engineering transformation with EverOps. Learn how they overcame skill gaps, accelerated a Kubernetes migration, and achieved a remarkable \$1.7M annual savings in cloud costs. Join us for insights into the unique embedded pod model, cultural shifts, and the key factors that led to increased autonomy and project velocity.

Speakers



Mike Connors

Director Of Delivery - DevOps, EverOps

Over the past 25 years in tech, I've closely observed DevOps' transformation into a fundamental industry practice. Starting in telecom, I contributed to the launch of 3G and 4G networks, gaining valuable insights into application and infrastructure development. My consulting experience... [Read More →](#)



Stephen Koza

CEO, EverOps

Stephen is an entrepreneur, investor and startup executive. As the CEO of EverOps, he leads a passionate team helping innovative, cloud-first companies overcome their most difficult DevOps and IT challenges. Throughout his career, Stephen has driven results with global teams spanning... [Read More →](#)



Naveen Puvvula

Director, Cloud Operations, Life360

In my 22+ years at the confluence of technology and entrepreneurship, I've focused on engineering leadership and reliability, particularly at Life360, where I enhance platform performance and empower teams to deliver life-saving features. As the co-founder of ZenScreen, I tackled... [Read More →](#)

Thursday February 22, 2024 2:30pm - 2:55pm PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [DevExec Summit](#), [DevOps Summit](#)
- **In-Person/Virtual** [In Person](#)

2:30pm PST

[Product Roundtable: Chris Butler, Staff Product Operations Manager, GitHub](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Chris Butler

Staff Product Operations Manager, GitHub

Chris Butler is a Chaotic Good Product Manager and Group Product Manager for Google's Core Machine Learning team. His role focuses on strategy and PM'ing the PM experience. Chris has worked previously as a product leader at Microsoft, Facebook Reality Labs, Cognizant, KAYAK, and...

[Read More →](#)

Thursday February 22, 2024 2:30pm - 3:00pm PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [ProductWorld](#), [Product Lifecycle & Case Studies](#) ([ProductWorld](#)), [Product Manager Roundtable Talks](#) ([ProductWorld](#))
- **In-Person/Virtual** [In Person](#)

2:45pm PST

[Sponsor Spotlight: Descope \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Drag & drop your auth! Watch the Descope team add customer login to an app in 10 minutes. Feel free to bring your stopwatch.

Booth #306

Sponsors



Descope

Drag and drop your auth. Descope helps every developer add secure, frictionless authentication and user management to their apps with a few lines of code. Our no-code workflows, SDKs, and APIs abstract away the complexity of authentication so that developers can spend more time building... [Read More →](#)

Thursday February 22, 2024 2:45pm - 3:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[Dev Roundtable: Jeremy Glassenberg, Founder, API Product Consultant, API Strategists](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and

industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Jeremy Glassenberg](#)

Founder, API Product Consultant, API Strategist

Jeremy is an experienced Product leader of over 16 years with a proven track record of building APIs and growing developer ecosystems at successful startups such as Box and Tradeshift. He's managed and expanded communities of tens of thousands of developers, executed high-profile...

[Read More →](#)

Thursday February 22, 2024 3:00pm - 3:00pm PST

[Roundtable Room](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk

- **Track or Conference** OPEN Talk, API & Microservices Conference
- **In-Person/Virtual** In Person

3:00pm PST

Sponsor Spotlight: Splunk (Live Demo, Live Q&A (post speaking session))

Join Splunk at booth 509 to keep the conversation going and ask questions after Greg Leffler's talk on Observability and OpenTelemetry. Greg will be available to answer questions in person and the Splunk team will be around to show demos of Splunk Observability Cloud. You can also enter to win our raffle prize!

Sponsors



Splunk

Splunk is helping to build a safer and more resilient digital world by equipping customers with the unified security and observability platform they need to keep their organization securely up and running – no matter what digital disruptions come their way.

Thursday February 22, 2024 3:00pm - 3:15pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

3:00pm PST

PRO TALK: How to Ground LLMs for the Enterprise

Utkarsh Contractor, Aisera, VP of Artificial Intelligence

The advent of Generative AI holds the promise of revolutionizing entire enterprises and sectors. Large Language Models (LLMs) have revolutionized natural language understanding and generation, offering a wide array of opportunities for enterprise applications. However, the unbridled potential of LLMs presents unique challenges in adapting them for practical use within the enterprise.

This session explores the critical considerations and strategies for grounding LLMs in the enterprise from prompt engineering to fine tuning, encompassing issues such as data privacy, model fine-tuning, domain adaptation, and ethical AI practices. By addressing these factors, organizations can leverage the potential of LLMs to enhance factuality and accuracy, ensuring responsibility and security in their integration across business applications, ranging from AI Copilots to building domain-specific LLMs and their downstream tasks. In this session, you will also gain valuable insights into the deployment of LLMs in enterprise settings, ultimately enabling companies to capitalize on the transformative capabilities of these cutting-edge language models.

Join Utkarsh Contractor, Aisera's VP of AI and Machine Learning, as he sheds light on the transformative power of Generative AI.

Speakers



Alex Kahng

Technical Director of AI/ML, isera

Alex Kahng is the Technical Director of AI at Aisera, where he spearheads the data science team in developing advanced applications powered by LLMs for enterprise solutions. Under his leadership, the team focuses on building cutting-edge conversational applications capable of complex... [Read More →](#)

Thursday February 22, 2024 3:00pm - 3:25pm PST

PRO Stage A

[AI & Machine Learning Conference](#)

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [AI & Machine Learning Conference, Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

PRO TALK: The Shadows in the Cave: Best Practices for Mocking Modern APIs

Liz Acosta, Python Developer and Developer Advocate

API mocks are an essential and necessary part of thorough, robust testing. However, when we're dealing with representations of reality, how can we be sure our mocks are truly faithful recreations of the real deal? Learn best practices for mocking modern APIs that ensure efficiency, cost savings, reliability, compatibility, and -- most importantly -- security.

Speakers



Liz Acosta

Python Developer and Developer Advocate

My career journey is about as non-traditional as it can possibly be, filled with twists and turns but motivated by a love for learning and sharing that knowledge to make things better. My background as a copywriter, social media manager, odd-job freelancer, and software developer... [Read More →](#)

Thursday February 22, 2024 3:00pm - 3:25pm PST

PRO Stage B

[API & Microservices Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference
- **In-Person/Virtual** In Person

3:00pm PST

[PRO TALK: The Source of Success: Open-Source Wisdom in Platform Engineering](#)

Anil Inamdar, Instaclustr, part of Spot by NetApp, Global Head of Data Solutions

Platform engineering has become one of the hottest topics in software development, and with good reason. It bridges the gap between pie-in-the-sky claims about accelerating application development (and ROI), and the boots-on-the-ground reality of most software teams, which are often already stretched thin while being asked to support increasingly ambitious business goals.

While there is no one-size-fits-all approach to platform engineering, it's becoming increasingly clear that open-source software and projects are absolutely vital to its success.

This DeveloperWeek session will dig into how open source can fuel platform engineering success, with discussion around:

- How open source gives you the means to start small. You can identify key gaps in your platform and developer experience and look for reliable open-source options to deliver those needs.
 - How open source technologies can help you make adoption, testing, experimentation, and exploration easier for developers—a must for a successful platform approach.
 - Specific advantages that open source can deliver to platform engineering, including portability, dev talent recruitment security, and pluggability.
-

Speakers



Anil Inamdar

Head of Data Solutions, Instaclustr

Anil Inamdar is the VP & Head of Data Solutions at Instaclustr, part of Spot by NetApp. Anil has 20+ years of experience in data and analytics roles. Joining Instaclustr in 2019, he works with organizations to drive successful data-centric digital transformations via the right cultural... [Read More →](#)

Thursday February 22, 2024 3:00pm - 3:25pm PST

PRO Stage C

DevOps Summit

- **Certificates** API Certificate, DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, Devtech Strategy Summit
- **In-Person/Virtual** In Person

3:00pm PST

OPEN TALK: Controlling the Machines - Developing in an AI World with Feature Flags

Cody De Arkland, LaunchDarkly, Head of Developer Relations

How many movies wouldn't exist if feature flags had been present? Terminator, Matrix, iRobot, so many of them. Wild and crazy AI gets loose - feature flag it off. Mission accomplished. But AI development goes far beyond just on and off. What if you want to control the model in use, so maybe you can have a slightly less unstable machine helping you build your next thing? What if you want to change it dynamically without having to redeploy? What if you want to enable certain prompts or configurations only for specific groups of users?

With Feature Flags and LaunchDarkly, this can all happen at runtime, without ever having to redeploy, backed by a global flag delivery network and all the collaboration and governance you'd expect from an enterprise grade developer friendly system. In this session, we'll go through the key components to developing, iterating, and measuring the effectiveness of AI changes in an application, and show it live.

At minimum, you'll learn how feature flagging in AI can help you control the machines, and protect you from the next machine apocalypse.

Speakers



Cody De Arkland

Head of Developer Relations, LaunchDarkly

A technologist, with a few parts developer marketing and a pinch of bad jokes, Cody leads Developer Relations at LaunchDarkly where his team focuses on advocacy, technical marketing, and developer experience. His background is in content creation, enterprise IT automation, infrastructure...

[Read More →](#)

Thursday February 22, 2024 3:00pm - 3:25pm PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, AI & Machine Learning Conference, DevOps Summit](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[PRO TALK: The New Developer Dance](#)

Vanessa Villa, Pangea, Developer Advocate

Security has for many decades been an after thought in software development, but with the advent of cloud and SaaS along with ubiquitous use of technology in every day life we can no longer ignore the consequences of insecure software. We live in a world of increasingly methodical and organized cybersecurity threats. that has put our national infrastructure at risk and the lives of millions potentially on the line. The Cybersecurity Infrastructure Security Agency (CISA) along with the FBI, NSA and five other countries' cybersecurity organizations recently released strong guidance aimed at software vendors around Secure by Design and Secure by Default. As a technology community, however, we can no longer wait for government agencies to step in to enforce this - our national security and livelihoods are at daily risk in the way we currently release software. Join this

talk to understand what "Shift Left of Left" Security is all about and why you should prioritize it in your software practices.

Speakers



[Vanessa Villa](#)

Developer Advocate, Pangea

Vanessa has been a Software Developer, Product Manager, and now a Developer Advocate. She has 6 years of experience at Microsoft in everything from Virtual & Augmented reality to Internet of Things solutions and Cloud Applications. She has a passion for simplifying really complicated... [Read More →](#)

Thursday February 22, 2024 3:00pm - 3:25pm PST

PRO Stage D

Security Summit

- **Certificates** Security Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, Security Summit
- **In-Person/Virtual** In Person

3:00pm PST

OPEN TALK: Avoiding the Common Dev:Creative Handoff Pitfalls. Setting Yourself up for Success

Erica Quessenberry, RedDesigns, Founder and Creator

The push / pull between design and dev is a tale as old as time, and in my experiences, the handoffs have never been smooth. As a designer whose goal is to look out for the end user, I would get frustrated by developer pushback and my lack of understanding about how a project would ultimately be put together. So I set about to change that by leveling up my skills and specializing in the Umbraco CMS to get a taste of the other side. In this session, we'll talk about the most common issues faced during handoffs and what designers and developers can learn from each other to ease that tension and create a more positive and streamlined experience, while simultaneously providing better experiences for the end users and the content editors and managers alike. Let's get into it.

Speakers



[Erica Quessenberry](#)

Founder and Creator, RedDesigns

Erica is a UX/UI consultant, frontend engineer, Umbraco Certified Professional, and 7x Umbraco MVP who works with Umbraco developers and agencies worldwide. An advocate of community involvement, she also co-founded of Skrift Magazine, whose aim is to amplify the diverse voices, experiences... [Read More →](#)

Thursday February 22, 2024 3:00pm - 3:50pm PST

[OPEN Workshop Stage 1](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [DevLead Conference](#), [Data Engineering Conference](#), [Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[OPEN TALK: The Hidden Taxes of Open Source, and How to Avoid the Tax Man](#)

Mike Hansen, Sonatype, SVP of Engineering

As developers, we are at the leading edge of innovation for our organizations. While we have to contend with technical debt and application security and code maintenance, the more time we can devote to creating innovative value, the more effective the engineering investment - and the more fulfilling the work! The massive adoption in the use of open source has provided the software development discipline enormous benefit. However, this "outsourcing" has led to the creation of the modern software supply chain, with a vast array of complexities that can ultimately be avoided. Solutions that allow for effective management of these supply chains lead to better and faster decision making resulting in improved productivity and risk reduction.

Especially in the current economic climate, the entire industry is asking how can I save time and money and still go faster? For developers, that question gets answered easily with effectively automating my open source dependency management.

In this talk, we will review the history and evolution of how we have leveraged open source and shine a light on some material opportunities that exist to improve our development effectiveness in OSS usage and risk minimization. The conclusions and recommendations are based on a behavioral analysis performed across millions of applications, the open source software associated with them and the tens of millions of dependency management decisions that were made during development. Not surprisingly, without the necessary data and intelligence, we often don't make the best decisions. And even with the right data and intelligence, the absence of the right automation still holds us back.

Speakers



[Mike Hansen](#)

SVP of Engineering, Sonatype

As the head of engineering for Sonatype, Mike brings more than 20 years experience building and leading global product development organizations in the creation of new market innovations ranging from start-ups to the Fortune 100. He's been at the leading edge of innovation in areas... [Read More →](#)

Thursday February 22, 2024 3:00pm - 3:50pm PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [DevOps Summit](#), [Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[KEYNOTE: NEW Product Showcase](#)

Daytona

Daytona Platform

Daytona, is a Development Environment Management platform. It supports Dev Containers and seamlessly integrates with any IDE or Git provider. It is self-hosted and offers high-density workspaces while ensuring a great developer experience.

GitStart

GitStart Pull Requests

Assign tickets, get back PRs, and only pay for merged code. Behind the scenes, tickets are sent to multiple engineers who review each other's code. See it in action on the public repos of Cal.com, Supabase, and SourceGraph.

Codacy Security

Codacy Security

Now integrated with leading security scanner Semgrep, Codacy Security boasts nearly 2,000 SAST rules to check your code across 20+ languages, as well as secrets and insecure dependencies detection.

GitHub

GitHub Copilot Chat

Powered by GPT-4, GitHub Copilot Chat is a contextually-aware AI assistant designed for developer scenarios assisting with complex coding concepts, detection of security vulnerabilities and crafting of unit tests. Innovate at the speed of thought.

Couchbase

Capella iQ

Capella iQ is our AI coding assistant for developers. iQ allows developers to interact with the Couchbase database platform using natural language conversation, making database interactions more intuitive, efficient, and accessible.

Fluree

Fluree DB

Fluree is a JSON-LD Database with access policy, digital trust, and shared vocabularies built right in. It's the first database built to compose and verify decentralized data in real-time, making data collaboration easier than ever before.

incident.io

incident.io

incident.io is the most intuitive way to manage incidents at every step, from declaration to post-mortem and well beyond. Elegantly designed and with powerful workflow automations that power more efficient response processes.

Red Hat

Podman Desktop

Podman Desktop is a powerful, cross-platform, and open-source graphical tool that simplifies container development workflows. It's a user-friendly and intuitive way to start with containers and smoothly transition to Kubernetes, all from your laptop!

Descope

Descope

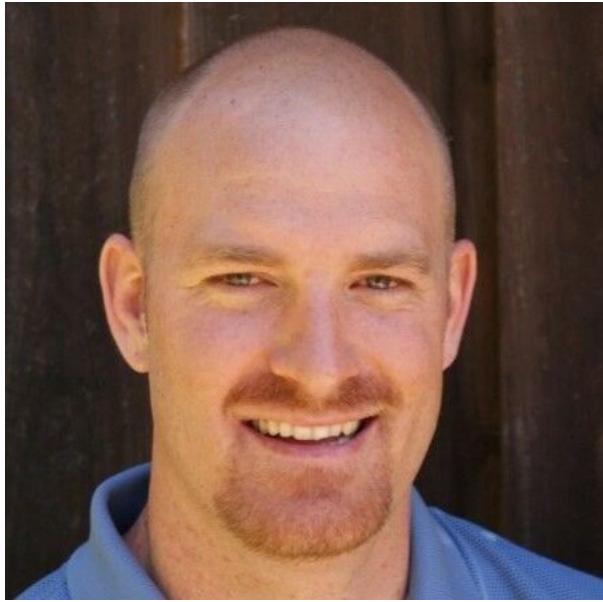
Descope is a drag & drop customer authentication platform. Our visual workflows help you create and customize the entire user journey – including AuthN, AuthZ, and MFA. We abstract away auth complexity so that devs can focus on their core product.

Zuplo

Zuplo Monetization

We can exclusively launch the beta of our new monetization platform to help people monetize their APIs easily using Zuplo + Stripe. A turnkey developer portal and checkout experience is included - we can announce the beta on stage.

Speakers



Jason Lane

Product Marketing Leader/Consultant, Codacy



Mark Gamble

Director, Product and Solutions Marketing, Couchbase

Mark is a passionate product marketer with a technical and solution consulting background and 20+ years of experience in Enterprise and Open Source technology. He has launched several database and analytic solutions throughout his career, and has worked with customers across a wide... [Read More →](#)



[Cedric Clyburn](#)

Developer Advocate, Red Hat

Cedric Clyburn, Developer Advocate at Red Hat, is an enthusiastic software technologist with a background in Kubernetes, DevOps, and container tools. He has experience speaking at conferences and events including DevNexus, WeAreDevelopers, DevConf, and more. Cedric loves all things... [Read More →](#)



[Josh Twist](#)

CEO, Zuplo

Josh is the co-founder and CEO of Zuplo - a serverless, OpenAPI-native, edge gateway. Prior to founding Zuplo, Josh was Head of Product at Stripe, Lead the Next Experiences organization at Facebook and Founded several products in Microsoft Azure, including Azure API Management... [Read More](#)





Alicia Collymore

Engineering Manager, incident.io

Alicia has been an engineering manager for over 4 years, with experience working in many different industries, from biotech where she lead a team of molecular biologist to fintech where she helped build out the pay later space. Alicia is currently an EM at [incident.io](#), who build software to help companies manage incidents more easily, helping her teams to get shit done and have fun doing it... [Read More →](#)



[Kevin Gao](#)

DevRel Engineer, Descope

Kevin is a DevRel engineer that has been working for the last few years as a software engineer, but has always been fascinated by how customers use and interact with the products and tools he works on. Before Descope, Kevin was a Lead Software Engineer at BoostUp.ai, overseeing the... [Read More →](#)



[Ivan Burazin](#)

CEO & Co-Founder, Daytona

Ivan co-founded Codeanywhere, a pioneer in cloud development back in 2009. Concurrently, he established Shift, a premier developer conference in SE Europe, which was later acquired by Infobip—a worldwide communications cloud giant—in 2021. Following the acquisition, Ivan served... [Read More →](#)



Kedasha Kerr

Developer Advocate, GitHub



Jake Parsell

Senior Platform Engineer, Fluree



[Hamza Zia](#)

CEO, GitStart

Hamza is CEO of GitStart, which helps understaffed tech teams distribute coding tasks to junior engineers worldwide. He grew up in Pakistan. He learned to code at 8, and dropped out of high school when his e-commerce store for computer parts became the 2nd largest in the country... [Read More](#)



Sponsors



Codacy



Couchbase

Modern customer experiences need a flexible database platform that can power applications spanning from cloud to edge and everything in between. Couchbase's mission is to simplify how developers and architects develop, deploy, and consume modern applications wherever they are. We... [Read More →](#)

Daytona

Daytona

Daytona, the enterprise-grade GitHub Codespaces alternative, is a secure, scalable, and standardized Development Environment Management platform. It supports Dev Containers and seamlessly integrates with any IDE or Git provider. The unique value of Daytona is that you can self-host... [Read More →](#)



Descope

Drag and drop your auth. Descope helps every developer add secure, frictionless authentication and user management to their apps with a few lines of code. Our no-code workflows, SDKs, and APIs abstract away the complexity of authentication so that developers can spend more time building... [Read More →](#)



[GitHub](#)

GitHub provides code hosting services that allow developers to build software for open-source and private projects in organizations.

O° GitSt

[GitStart](#)

GitStart is a code-as-a-service platform. We help engineering teams increase their coding velocity without increasing their headcount. Assign us tickets directly from your ticketing tool, get back pull requests, and only pay for those you merge. GitStart is backed by engineering leaders... [Read More →](#)



[incident.io](#)

incident.io is the easiest way to orchestrate incident response from start to finish. Intuitively designed, and with powerful and flexible built-in workflow automation, incident first-responders use incident.io to supercharge incident response across their entire organization. incident.io... [Read More →](#)



[Red Hat](#)

The Red Hat Developer program brings developers together to learn from each other and create more extraordinary things, faster. We serve the builders. Those who solve problems and create their careers with code. We chart a course for you, giving your career a path and your work purpose...

[Read More →](#)



[Zuplo](#)

API Management is broken.Zuplo is reinventing the API gateway / API Management market with a focus on Developer Experience, speed, collaboration and improving outcomes for API owners. Ship a stripe quality API in record time and bring order to the chaos of your API sprawl.

Thursday February 22, 2024 3:00pm - 4:00pm PST

[DeveloperWeek Main Stage](#)

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk

- **Track or Conference** OPEN Talk, Dev Innovation Conference
- **In-Person/Virtual** In Person

3:30pm PST

Sponsor Spotlight: AxonIQ (Live Demo, Live Raffle/Giveaway)

The Great AxonIQ Code Show, witness the miracle code, immediate relief for your issues. See the show for a chance to win a 4k ultra HD TV @ Booth 312!

Sponsors

AxonIQ

AxonIQ

AxonIQ is the global leader in supplying the Axon software suite delivering the best microservices messaging platform to design, develop and run event-driven applications, architectures, and tools for building auditable, scalable, enterprise, distributed systems.

Thursday February 22, 2024 3:30pm - 3:45pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

3:30pm PST

PRO TALK: How to Use Open-Source to Build Understandable and Debuggable AI Apps & Models

Chris Hazard, Howso, CTO and co-founder

You just built a model, checked it for fairness, used SHAP to make sure that race and gender were not important features, so your model is good to go, right? Maybe not. SHAP measures what's important to the model, not the data. The model may contain all sorts of potential problems. But where? Which data was problematic? How did it affect the model? And if you could determine the specific relevant data, where did it come from? It's hard to fix something without understanding it.

Join Dr. Chris Hazard as he discusses how instance-based learning (IBL) has made incredible progress in the past decade as a pragmatic base upon which to build practical, ethical AI and ML systems, and how developers can use open-source AI engines to build explainable AI apps and models that eliminate bias, hallucinations, and misinformation.

Developers and data scientists will learn how, with IBL, the data basically becomes the model, and every decision can be traced to the exact data that lead to the decision. Modern implementations enable the user to debug the data and understand its inner relationships, without having to trade-off accuracy. They will learn to use IBL to create synthetic data with extremely strong privacy that can be used for a large variety of tasks, from finding and understanding anomalies to understanding the certainty around all aspects of the data. Chris will explain how each of these capabilities is critical for building, controlling, and governing AI/ML systems; without them, the voices and concerns of those adversely affected by such models may have little

effect. Developers will walk away with actionable strategies to build fully understandable AI systems that solve many ethical quandaries.

Speakers



[Chris Hazard](#)

CTO and co-founder, Howso

Dr. Chris Hazard is Howso co-founder and CTO. Howso's understandable and privacy enhancing AI spun out of Hazardous Software, a company Chris founded in 2007 that focuses on decision support, visualization, and simulation for hard strategy problems in large organizations, DoD, and...

[Read More →](#)

Thursday February 22, 2024 3:30pm - 3:55pm PST

[PRO Stage A](#)

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate, DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, DevOps Summit
- **In-Person/Virtual** In Person

3:30pm PST

PRO TALK: Restate: Durable Async/Await for Stateful (Serverless) Microservices and Workflows

Giselle van Dongen, Restate, Developer advocate
Stephan Ewen, Restate, Founder

Developing applications in a microservice architecture is hard. For all the benefits that it brings over monolithic application architectures, they expose developers to all sorts of tough distributed systems problems, making it non-trivial to build applications that are consistent, scalable, and resilient. Wouldn't it be great if you could stop worrying about all possible failure scenarios and race conditions in your system such as charging customers twice, users withdrawing more cash than they have, and selling a single ticket multiple times?

In this session, we introduce the open-source system "Restate" (<https://restate.dev/>), a new type of foundation for transactional applications, based on *distributed durable async/await*:

- Restate offers powerful building blocks for applications, like persistent promises, stateful RPC handlers, reliable RPC & messaging, and durable timers.
- Under the hood, Restate executes your applications in a resilient and low-latency event-driven manner, giving you all the benefits of event-driven approaches, without any of the complexity: Your code is still a familiar long-running RPC application.
- Write business logic as if infrastructure failures don't exist; the durable async/await mechanism transparently handles all those failure.
- Write Lambda functions as if they're long-running apps, letting Restate intelligently manage suspensions and re-invocations during wait times.
- And much more.

Join us for a live demo of a real-world serverless application powered by Restate and see how patterns that are hard to get right are streamlined into a single line of code.

Speakers



Giselle van Dongen

Developer advocate, Restate

Giselle is a Developer Advocate at Restate, where she helps its early users with understanding how Restate simplifies the development of resilient and scalable distributed apps. Before that, she worked in the field of big data analytics and distributed stream processing, and obtained... [Read More →](#)



Stephan Ewen

Founder, Restate

Stephan Ewen is one of the original creators and of Apache Flink. He was previously CTO and co-founder of dataArtisans / Ververica, where he led the development and direction of Apache Flink. Recently, Stephan co-founded a new company and project (Restate) with the goal to simplify... [Read More →](#)

Thursday February 22, 2024 3:30pm - 3:55pm PST

[PRO Stage B](#)

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference
- **In-Person/Virtual** In Person

3:30pm PST

OPEN TALK: Build Full Stack LLM Apps with React, Python, Llama2 and Snowflake: Demo

Daniel Myers, Snowflake, Director, Developer Relations

Learn how to build, deploy, and run full-stack web apps on Snowflake that use Meta's llama2 open source LLM model. In this session, I will demo Meta's llama2 LLM model running natively inside Snowflake, and I will use this model to do sentiment analysis and data transformations. Get hands-on at quickstarts.snowflake.com.

Speakers



[Daniel Myers](#)

Director, Developer Relations, Snowflake

Thursday February 22, 2024 3:30pm - 3:55pm PST

OPEN Expo Discovery Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

3:30pm PST

PRO TALK (ProductWorld): How Do You Level up Design Maturity in a Scaleup Organization?

Melanie Hambarsoomian, Zip, Director, Product Design

Designers and even Product Managers often struggle with doing the right amount of discovery and research, and following design process while balancing being lean.

I will share stories about levelling up design and product maturity in scaleup organisations, and lessons learned along the way. For both Individual Contributors and People Leaders.

What's the history of the industry focussing on Design Maturity, despite the demand for great experiences? What are practical tips and pitfalls you might come across? What's next on the horizon?

Speakers



Melanie Hambarsoomian

Director, Product Design, Zip

Over 12 years of experience in UX and Product Design. I've worked in London and Berlin, and live in Sydney. I've worked in many different industries, highlight companies include Telegraph UK, MOO, Deloitte Digital, and now Zip Co. I am passionate about leadership, design maturity, product...

[Read More →](#)

Thursday February 22, 2024 3:30pm - 3:55pm PST

ProductWorld Main Stage

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, Product Teams: Managers & Developers & Designers
UI/UX (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** In Person

3:30pm PST

PRO TALK: Know Your Ingredients: Security Starts With the Source

Stephen Chin, JFrog, VP of Developer Relations

One of the most neglected parts of application security is the ingredients that go into developing software. Over 80 percent of code used in enterprise applications comes from open source dependencies, but how much attention goes towards the provenance and security of those packages. And in the pursuit of accelerated software development, developers are leveraging more and more libraries and also code "created" by generative AI algorithms, so how do you prevent defects or malicious payloads from compromising your security?

This is analogous to a restaurant where you invest in modern decor, professional chefs, and world class service. But if you don't get fresh, quality ingredients delivered daily, the taste and hygiene of the food will suffer. Securing the software supply chain is a huge undertaking for the entire tech industry, and we will talk about some of the ongoing efforts by open source projects, foundations, and corporations to help us all know our ingredients.

Speakers



Stephen Chin

VP of Developer Relations, JFrog

Stephen Chin is VP of Developer Relations at JFrog, chair of the CDF governing board, member of the CNCF and OpenSSF governing boards, and author of The Definitive Guide to Modern Client Development, Raspberry Pi with Java, Pro JavaFX Platform, and the DevOps Tools for Java Developers... [Read More →](#)

Thursday February 22, 2024 3:30pm - 3:55pm PST

PRO Stage D

Security Summit

- **Certificates** Security Certificate, DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, Enterprise Summit, Security Summit
- **In-Person/Virtual** In Person

3:30pm PST

[Dev Roundtable: Dedy Kredo, Co-Founder and Chief Product Officer, CodiumAI](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Dedy Kredo

Co-Founder and Chief Product Officer, CodiumAI

Dedy, Co-Founder and Chief Product Officer of CodiumAI, steers the product and engineering teams with an ambitious mission: to empower developers to create software swiftly and flawlessly, harnessing the synergy of artificial and human intelligence. Prior to CodiumAI, Dedy took on... [Read More →](#)

Thursday February 22, 2024 3:30pm - 4:00pm PST

[Roundtable Room](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, AI & Machine Learning Conference](#)
- **In-Person/Virtual** [In Person](#)

3:45pm PST

Sponsor Spotlight: EverOps (Live Q&A (post speaking session))

Mike Conners from our team will lead a trends +
Live Q+A around trends and outcomes from our Life 360 Case Study

Booth 804

Sponsors



[EverOps](#)

We are a team of technologists that partner with innovative companies to help them overcome their toughest technology scaling challenges. We've solved the same problems many times and there's no technology issue too complex for our team. In fact, we've helped many leading brands... [Read More →](#)

Thursday February 22, 2024 3:45pm - 4:00pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

4:00pm PST

DeveloperWeek 2024 Expo Block Party

Join us for the DeveloperWeek 2024 Expo Block Party!

The Expo Block Party gives registrants the chance to visit participating DeveloperWeek exhibitors, while enjoying free drinks & food.

Additionally, participants are encouraged to play our Expo Challenge & "Dev Cash" Game, where visiting exhibitors during the show will allow you to win great swag!

Thursday February 22, 2024 4:00pm - 6:00pm PST

Expo Hall -- Exhibit Hall West

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

4:15pm PST

Sponsor Spotlight: CodiumAI (Live Demo & Q&A)

Join CodiumAI in booth #416 for a live demo and live Q&A

Sponsors



CodiumAI

Supercharge developers with code tests, suggested code, and analysis.

Thursday February 22, 2024 4:15pm - 4:30pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)

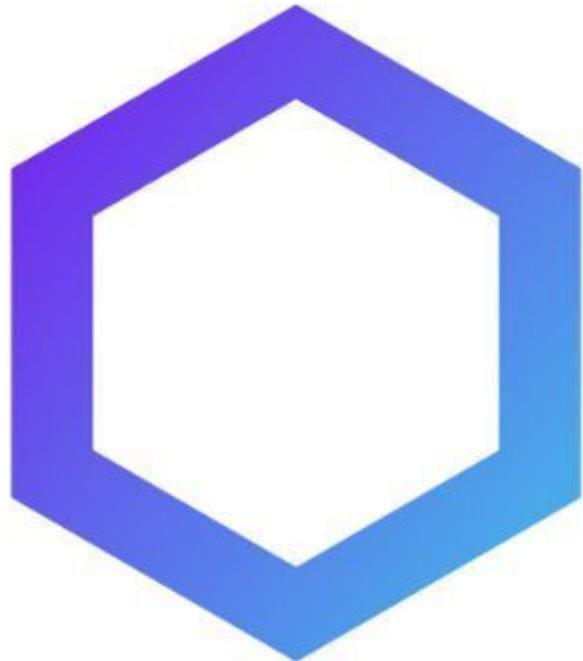
4:15pm PST

[Sponsor Spotlight: Sonatype Live Q&A \(post speaking session\), Live Raffle/Giveaway](#)

Discussion with Mike Hansen, VP of Engineering at Sonatype following his talk on “The Hidden Taxes of Open Source, and How to Avoid the Tax Man”.

Booth # 215

Sponsors



sonatype

Sonatype

Sonatype is the software supply chain management company. We enable organizations to innovate faster in a highly competitive market. Our industry-leading platform empowers engineers to develop software fearlessly and focus on building products that power businesses. Sonatype researchers...

[Read More →](#)

Thursday February 22, 2024 4:15pm - 4:30pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

4:30pm PST

Sponsor Spotlight: Couchbase (Live Demo)

Join us in booth #800 for a Live Datasync with Couchbase Mobile

Sponsors



Couchbase

[Couchbase](#)

Modern customer experiences need a flexible database platform that can power applications spanning from cloud to edge and everything in between. Couchbase's mission is to simplify how developers and architects develop,

deploy, and consume modern applications wherever they are. We... [Read More →](#)

Thursday February 22, 2024 4:30pm - 4:45pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

7:00pm PST

[Dev AfterHours -- Bowling, Games & Networking -- Powered By Common Room](#)

Dev AfterHours @ DeveloperWeek 2024! Powered By Common Room!
Plank, Jack London Square - 98 Broadway, Oakland, CA 94607

After the Expo Block Party -- come and network with other attendees!
Bowling, Ping Pong, Pool & Sodas provided!
Additional Food & Beverages available for purchase.
Don't forget your badge!

Sponsors



Common Ro

[Common Room](#)

Thursday February 22, 2024 7:00pm - 9:00pm PST

[Plank 98 Broadway, Oakland, CA 94607](#)

[2. Experiences & Official Events](#)

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

Friday, February 23

8:30am PST

[Registration Open: Badge Pick Up](#)

Pick up your DeveloperWeek or ProductWorld 2024 Attendee Badge at the Oakland Convention Center Lobby from 8:30am - 4:00pm!

Friday February 23, 2024 8:30am - 4:00pm PST

[Oakland Convention Center - Lobby](#)

[1. Badge Pick-up & Registration](#)

- **In-Person/Virtual** In Person

8:30am PST

[Games Lounge](#)

Games Lounge

Play a game or two as you wait for the next session to begin!

Friday February 23, 2024 8:30am - 4:00pm PST

[Games Lounge](#)

[2. Experiences & Official Events](#)

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

9:00am PST

Arcade Lounge

Arcade Lounge

Chill in the lounge & try your hand at Pac-Man & other retro games!

Friday February 23, 2024 9:00am - 4:00pm PST

Arcade Lounge

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

9:00am PST

Community Photos & Headshots

Community Photos & Headshots

Stand out from the crowd. Update your headshot or snap a group picture. Get your digital photo instantly!

Friday February 23, 2024 9:00am - 4:00pm PST

Expo Hall -- Exhibit Hall West

2. Experiences & Official Events

- **Talk Type** PRO TALK, OPEN Talk
- **In-Person/Virtual** In Person

9:00am PST

DeveloperWeek EXPO Challenge (Win Rewards!)

<https://www.developerweek.com/expo/challenge/>

Complete the DeveloperWeek 2024 Expo Challenge to earn cool DeveloperWeek 2024 Swag!

Friday February 23, 2024 9:00am - 4:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[2. Experiences & Official Events](#)

- **Talk Type** PRO TALK, OPEN Talk
- **In-Person/Virtual** In Person

9:00am PST

[PeerConnect Lounge](#)

Hang out in the PeerConnect Lounge before the next session!

PeerConnect sessions are 25- or 50-minute interactive sessions, technical talks, and meetups led by community leaders and influencers. It's a great opportunity to network and learn about trending topics in developer technology. Topics can include: open source projects, platforms, programming languages, industry trends, etc

Friday February 23, 2024 9:00am - 4:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[2. Experiences & Official Events](#)

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

9:00am PST

[EXPO HALL OPEN](#)

Friday February 23, 2024 9:00am - 4:00pm PST

[Expo Hall -- Exhibit Hall West](#)

3. Expo Hours

- **In-Person/Virtual** [In Person](#)

9:00am PST

DeveloperWeek 2024 Hackathon

Join 800+ Developers at the Nation's Largest Challenge-Driven Hackathon.

Join 800+ developers building new apps, bots -- in person or online. Participants can build any app of their choice and will compete for \$50,000+ in cash, products and prizes.

Get all the details and the amazing challenges & prizes here:

<https://www.developerweek.com/events/hackathon/>

Put yourself in the center of the developer world!

Register for your ticket [here!](#)

Friday February 23, 2024 9:00am - 4:00pm PST

[Expo Hall -- Exhibit Hall West](#)

4. Hackathon

- **Talk Type** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

Sponsor Spotlight: Oracle (Live Demo)

DEVX Innovations with the Oracle Database

Sponsors



Oracle

Whether you're just getting started with Oracle Cloud Infrastructure, diving into machine learning, searching for ways to simplify container orchestration practices, or streamlining software delivery methodologies, we have what you're looking for.

Friday February 23, 2024 9:30am - 9:45am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

[KEYNOTE \(ProductWorld\): Opendoor -- Applying "Real World Thinking" to Innovate and Develop Impactful Products](#)

Brian Tolkin, Opendoor, VP of Product

What do you do when you have a product that requires in-person interaction and a global pandemic hits? Brian Tolkin knows a thing or two about iterating with speed and adapting to volatile situations in the housing market at Opendoor. At ProductWorld, he can talk about how to set yourself up for success by being flexible, building multi-functional teams, and developing new products – and evolving existing ones – to continuously meet the needs of consumers. He'll dig into the intricacies of managing products that combine real-world interactions with digital experiences, providing examples of his work at Opendoor over the last three years to adhere to drastic market fluctuations.

Speakers



[Brian Tolkin](#)

VP of Product, Opendoor

Brian Tolkin is the Vice President of Product at Opendoor, a leading digital real estate company. Brian has been an industry leader for over 10 years, previously working as a Group Product Manager at Uber where he led the Shared Rides product group, managing and shipping new products... [Read More →](#)

Friday February 23, 2024 9:30am - 9:55am PST

[ProductWorld Main Stage](#)

[5. KEYNOTES & FEATURED TALKS](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [ProductWorld, Product Lifecycle & Case Studies \(ProductWorld\)](#), [Product Manager Roundtable Talks \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

[KEYNOTE: eBay -- Building a Culture of Speed and Innovation at eBay](#)

Deepak Sharma, eBay, Vice President, Head of Payments & Risk Engineering

How today's leaders can empower the next generation of engineers - equipping them with the skills they need to connect modern technology to modern customers.

- Automate everything - The importance of driving velocity, which reduces time from inception to execution and increases the speed of innovation. Developers spend less time thinking about taking code to production and more time on solving customer problems. This approach to productivity and creativity reduces friction for developers who can in turn make better experiences for our customers.
- Drive end to end thinking and shift-left on quality - The need to move towards more full-stack engineers and giving developers more ownership of their work and accountability to create the best experiences possible. eBay's developers now own the development and quality of the code they write.
- Learn and stay curious - It is imperative to provide machine learning education to every engineer and that everyone in the organization understands the fundamentals of modern AI approaches and how to apply them in real life. eBay has partnered with leading learning platforms and curated custom courses that their developers benefit from.

Speakers



Deepak Sharma

Vice President, Head of Payments & Risk Engineering, eBay

Friday February 23, 2024 9:30am - 9:55am PST

[DeveloperWeek Main Stage](#)

[5. KEYNOTES & FEATURED TALKS](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference
- **In-Person/Virtual** In Person

9:30am PST

[PRO TALK: How to Maximize LLM Usage Without Worrying About Cost and Compute Resources](#)

Waleed Kadous, Anyscale, Chief Scientist

AI innovation continues to accelerate, with generative AI and large language models currently leading the charge. According to a report from Bloomberg Intelligence, the generative AI market is poised to grow from \$40 billion in 2022 to \$1.3 trillion over the next decade.

This enormous opportunity has also introduced new challenges around cost, complexity, and access. Current scarcity of compute resources like GPUs is making it slow and expensive to train, fine tune, serve, and scale AI applications. Experts have estimated that training a large language model like GPT-3 could cost over \$4 million. Beyond that, many organizations struggle to acquire the skills and expertise necessary to develop and maintain AI infrastructure. The open source community has stepped up to address these challenges with open source infrastructure as well as open source models like Llama-2 from Meta.

In this session, Waleed will talk about how the open source community has produced a wide range of production-ready technologies to help with nearly all aspects of AI development and deployment. Waleed will also share benchmarks and real-world user examples where forward-looking organizations and rockstar developers have used open source AI software to achieve significant performance, scale, and cost advantages over many traditional proprietary alternatives.

Speakers



[Waleed Kadous](#)

Chief Scientist, Anyscale

Waleed Kadous is the Chief Scientist at Anyscale, where he leads engineering innovation, keeping the team on the cutting edge of AI. Prior to joining Anyscale, he was the Engineering Strategy Lead to the Office of the CTO, at Uber. In this role, he led location, maps, and computer... [Read More](#)



Friday February 23, 2024 9:30am - 9:55am PST

PRO Stage D

[AI & Machine Learning Conference](#)

- **Certificates** [Cloud Management Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [AI & Machine Learning Conference](#), [Cloud-Native Conference](#), [Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

9:30am PST

PRO TALK: The Effect of GitHub Copilot on Developer Job Satisfaction

Scott Morgan, Wardlaw Claims Service, VP - IT

As GitHub's Copilot revolutionizes code generation and automation, its impact on developer job satisfaction is increasingly significant. In this talk, we'll delve into the relationship between Copilot's AI-assisted coding capabilities and the satisfaction developers experience in their day-to-day work and review the current research. In addition, attendees will gain insights into Copilot's benefits, potential drawbacks, and strategies to harness its power while maintaining a fulfilling and engaging work environment. This session is ideal for developers, team leads, and managers seeking to understand the implications of Copilot on job satisfaction and productivity in the software development industry.

Speakers



Scott Morgan

VP - IT, Wardlaw Claims Service

When I was eleven, I wrote a Basic program that moved a circle across the screen of a monochrome monitor, and I was hooked. I have worn many hats in my career, but I have always been a developer. I am passionate about helping developers produce great work and have the best job satisfaction...

[Read More →](#)

Friday February 23, 2024 9:30am - 9:55am PST

PRO Stage B

Data Engineering Conference

- **Talk Type** PRO TALK
- **Track or Conference** Data Engineering Conference
- **In-Person/Virtual** In Person

9:30am PST

PRO TALK: Securing the Cloud: A Workshop on Building a Fortified SDLC on Kubernetes with Open Source Power

Antonio Juanilla, Hacker Dreams, HackMadrid

Join us for an insightful talk where we'll reveal the secrets to building a fortified Software Development Life Cycle (SDLC) using open-source tools. Find out how these powerful resources can improve the security of your software applications and improve your development process. Throughout the talk, we'll explore a wide range of popular open source tools that can be seamlessly integrated into your workflow like Gitlab, Harbor, defectdojo... By leveraging these tools, you'll be able to enforce strong security policies, detect vulnerabilities, and Ensure compliance with industry best practices. This isn't just a theoretical discussion: we'll dive into practical exercises and share real-world examples that will equip you with practical skills. Through these examples, you'll learn how to identify and mitigate security risks, harden your code against potential vulnerabilities, and adopt security best practices throughout the development cycle. Open-source tools offer a wide range of features and functionality, constantly evolving with contributions from a vibrant developer community. Cybersecurity in development doesn't have to be tied to high software costs, allowing any person or company to make their software more secure. By the end of the talk, you'll have the knowledge and experience to build a hardened SDLC with open-source tools. You'll be able to develop software applications that are secure, scalable, and resilient, strengthening your organization's overall security posture. Don't miss out on this transformative opportunity to unlock the potential of open-source tools in your SDLC. Join us for an engaging talk that will empower you to build a stronger, more secure software ecosystem. All

information will be posted on opensecdevops.com for use and improvement by the community on the day of the presentation.

Speakers



Antonio Juanilla

DevSecOps Architect, Hacker Dreams

Antonio Juanilla, known online as @specter, is a passionate DevSecOps Architect and hacking enthusiast. His mind is always in a constant pursuit of knowledge and deeply committed to exploring new technologies. In addition to his primary work, Antonio is a prominent Co-Organizer of... [Read More →](#)

Friday February 23, 2024 9:30am - 10:20am PST

[PRO Stage C](#)

[Cloud-Native Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

9:30am PST

["Dev Challenge" -- Earn Prizes](#)

Complete specific tasks at DeveloperWeek 2024 to earn "Dev Cash" to redeem for DeveloperWeek 2024 Prizes!

<https://www.developerweek.com/dev-challenge/>

Friday February 23, 2024 9:30am - 4:00pm PST

[2. Experiences & Official Events](#)

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

9:30am PST

[DeveloperWeek Certificate Program](#)

<https://www.developerweek.com/certificates/>

Friday February 23, 2024 9:30am - 4:00pm PST

2. Experiences & Official Events

- **In-Person/Virtual** In Person

10:00am PST

KEYNOTE (ProductWorld): Atlassian -- Let Me Tell You A Story: The Power of Storytelling in Product Design

Mark Cruth, Atlassian, Principal Modern Work Coach & Designer

Picture the last time you were told a great story...how did it make you feel? Were you inspired, motivated, or moved to action? As Product Designers, we create experiences that allow our customers to explore new ideas, and storytelling is one of the most powerful tools we have available to help us to do this. During this interactive session, you will learn the basic framework to construct a powerful story that supports the journey of your user based on the work of great storytellers including Stephen Denning, Walt Disney, and Steve Jobs. You will learn about the different types of stories you can tell and which situations are best for each type. You will also have an opportunity to craft and share a story using the storytelling framework learned during the session in order to practice creating a user experience through narrative. So gather round everyone and let me tell you a story...

Speakers



[Mark Cruth](#)

Modern Work Coach / Designer, Atlassian

Focused on practice over theory, Mark is a pragmatic modern work designer and coach. With over a decade of experience experimenting with teamwork practices at places like Boeing, Nordstrom, TD Ameritrade, and Rocket Mortgage, Mark's mission is to inject modern ways of working, a transformation... [Read More →](#)

Friday February 23, 2024 10:00am - 10:25am PST

[ProductWorld Main Stage](#)

[5. KEYNOTES & FEATURED TALKS](#)

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)

- **In-Person/Virtual** In Person

10:00am PST

KEYNOTE: Vercel --AI-Native User Experiences

Guillermo Rauch, Vercel, Founder and CEO

The last 20 years of web and app development have laid the foundational infrastructure, opening the door for the accelerated technical innovation we're seeing today. Innovations like blockchain and ChatGPT are the catalysts driving the pressure for developers to create user-first apps and services that integrate with new tech. As a result, consumers aren't just hungry for high-speed, reliable, and personalized online experiences – they expect it. Developers are feeling the pressure, however, the tools and best practices developed by the giants of the web have remained inaccessible to the next generation of companies, both large and small - until now.

In this session, Vercel CEO Guillermo Rauch will highlight what Vercel calls the frontend cloud, a cloud native suite of tools that allows developers to build, test, and deploy high-quality web applications efficiently and quickly: democratizing previously inaccessible tools and emerging technologies for companies of all sizes. With an 800% increase in AI businesses utilizing Vercel's frontend cloud in just the first four months of 2023, there's an evident growing need for a streamlined way to build and deploy web applications on top of buzzy tech. Guillermo will explain how providing the necessary tools for developers can unlock unparalleled creativity and innovation. By simplifying tools and frameworks, frontend development empowers developers across industries to work efficiently and creatively: ultimately contributing to a vibrant Internet that delivers a top-of-the-line user experience.

Speakers



Guillermo Rauch

Founder and CEO, Vercel

Guillermo Rauch is Founder and CEO of Vercel, where he leads the company's mission to enable developers to create at the moment of inspiration. Prior to founding Vercel, Guillermo co-founded LearnBoost and Cloudup where he served the company as CTO through its acquisition by Automattic... [Read More →](#)

Friday February 23, 2024 10:00am - 10:25am PST

[DeveloperWeek Main Stage](#)

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit, Frontend Conference
- **In-Person/Virtual** In Person

10:00am PST

PRO TALK: How Intuit Manages Cloud Resources Via GitOps

Jerome Kuptz, Intuit, Principal Software Engineer

At Intuit, there are 1000 development teams consisting of 7500 developers given freedom to pick infrastructure as code (IAC) solutions that best fit their needs for the cloud. In addition to this autonomy, Intuit supports teams defining their own automation using different tools. While this freedom gives developers flexibility, creating a process that supports all teams across multiple cloud providers in a large, multi-platform organization with authorization & access controls was overwhelming.

Intuit needed a solution for these challenges while keeping developer friction to a minimum. In response, we have created an open source project named Cello, which is a service for running IAC solutions via GitOps. By utilizing GitOps process with IAC, Cello improved developer velocity managing the lifecycle of cloud infrastructure, while maintaining flexibility & security standards. Come learn how Cello helps Intuit engineers unify management of cloud resources while retaining existing processes.

Speakers



[Jerome Kuptz](#)

Principal Software Engineer, Intuit

Jerome Kuptz is an experienced engineer with stints in several companies (Wired Digital, NVIDIA, various startups) has been passionately focused on automation in various capacities. Currently at Intuit as a Principal Software Engineer, his focus is on Public Cloud & GitOps projects... [Read More →](#)

Friday February 23, 2024 10:00am - 10:25am PST

PRO Stage D

[Cloud-Native Conference](#)

- **Certificates** [Cloud Management Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [Cloud-Native Conference](#)
- **In-Person/Virtual** [In Person](#)

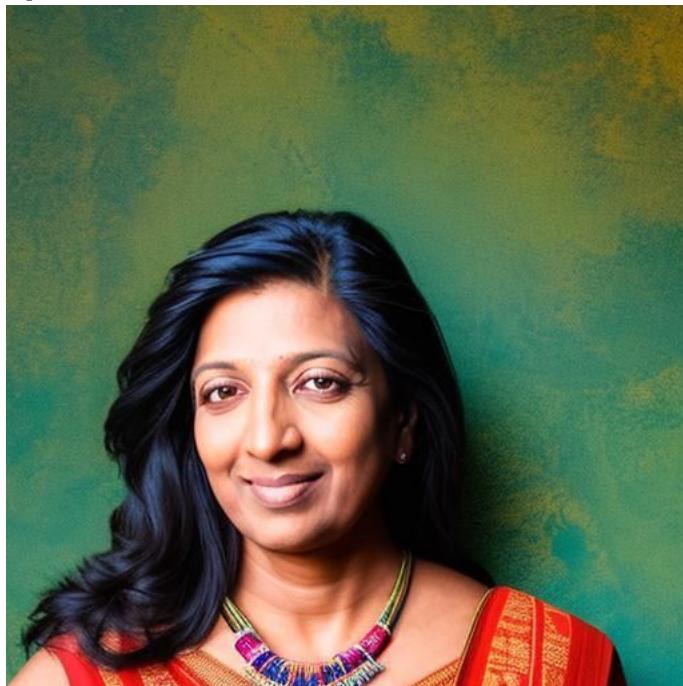
10:00am PST

PRO TALK: Realtime Analytics Unleashed: Unlocking the Potential of Data at Scale

Barkha Herman, StarTree, Developer Advocate

In this talk, we will explore the exciting possibilities of modern analytics solutions – going beyond traditional business dashboards, and diving into how to provide OLAP at OLTP speeds to a larger audience. Learn about realtime analytics, and how scale can be achieved in this rapidly evolving field.

Speakers



Barkha Herman

Developer Advocate, StarTree

I'm a technology veteran with over 30 years of experience in the industry. Throughout my career, I have been an enthusiastic advocate for emerging technologies and their potential to transform lives. In addition to my extensive technical knowledge, I am also skilled in project management...

[Read More →](#)

Friday February 23, 2024 10:00am - 10:25am PST

PRO Stage B

Data Engineering Conference

- **Certificates** Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Data Engineering Conference, Enterprise Summit
- **In-Person/Virtual** In Person

10:00am PST

OPEN TALK: Faking It: How to Get Amazing DX Without Actually Improving Your API

Gregory Koberger, ReadMe, CEO

We've all likely heard the, "If you build it, they will come" trope. And while it certainly fosters a sense of hope, it doesn't always apply to APIs. When it comes to API success it's more like, *"If developers know that you've built it, then they'll come...and only if they have a good first experience do they keep coming back."*

Rest assured dear reader, this talk isn't meant to encourage you to become a cheater! It is, however, intended to help you and your team ensure that your API is discoverable and usable...and hey, if you can save a little time in the process, is that *such a bad thing?* Your engineers have already poured their blood, sweat, and tears into bringing this API to life and it's about time that the people (a.k.a., your developers) know about it.

Join this talk to learn about [relatively] easy and non-technical strategies that you and your team can employ to transform your API from something your developers may not even know exists into something they can't stop raving about. Join Greg to discuss:

The power of a great onboarding experience

Giving your developers the keys (literally & figuratively) to a great developer experience

Bringing rich analytics to the API experience – for your team and your end users!

Speakers



[Gregory Koberger](#)

CEO, ReadMe

Greg hails from the lovely town of Schaghticoke in upstate New York. After attending RIT he made the move to San Francisco where he's worked for Mozilla, and freelanced for a bunch of startups. He founded ReadMe after building docs sites for most of them. You can find him drinking... [Read More](#)



Friday February 23, 2024 10:00am - 10:25am PST

OPEN Expo Innovation Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference, DevExec Summit, API & Microservices Conference
- **In-Person/Virtual** In Person

10:00am PST

Dev Roundtable: Vanessa Villa, Developer Advocate, Pangea

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Vanessa Villa](#)

Developer Advocate, Pangea

Vanessa has been a Software Developer, Product Manager, and now a Developer Advocate. She has 6 years of experience at Microsoft in everything from Virtual & Augmented reality to Internet of Things solutions and Cloud Applications. She has a passion for simplifying really complicated... [Read More →](#)

Friday February 23, 2024 10:00am - 10:30am PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference
- **In-Person/Virtual** In Person

10:00am PST

OPEN TALK: Going from Containers, to Pods, to Kubernetes – Help for Your Developer Environments!

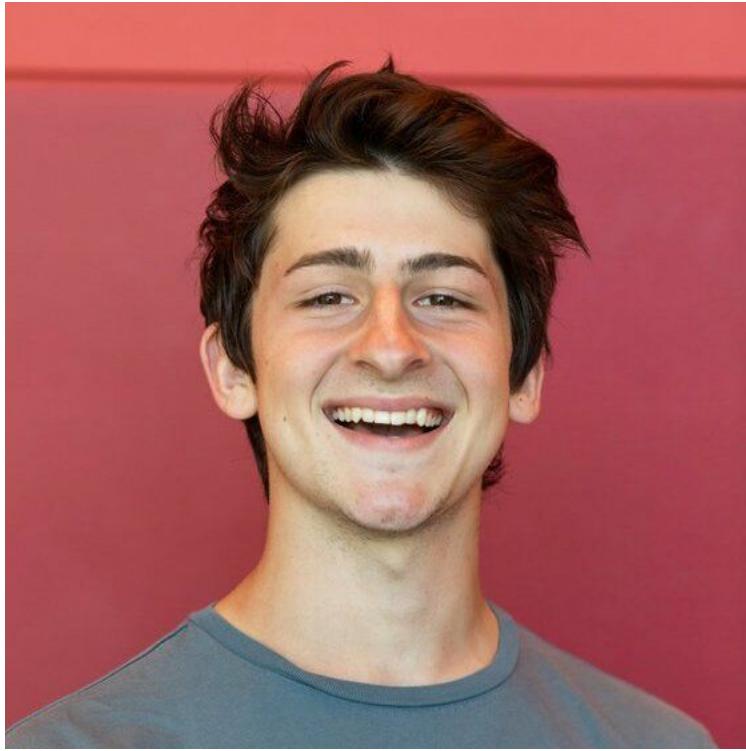
Cedric Clyburn, Red Hat, Developer Advocate

Today, Kubernetes is the undisputed go-to platform for scaling containers. But for developers, Kubernetes can be daunting, particularly when working with the discrepancies between local and production environments. Podman and Podman Desktop bridges this gap.

In this talk, you'll be introduced to Podman and witness the unveiling of Podman Desktop, an open-source GUI tool that streamlines container workflows and is compatible with Podman, Lima, Docker, and more. Podman Desktop serves as a beginner-friendly launch pad to Kubernetes, enabling developers to spin up local clusters (with Kind and Minikube) or work with remote environments.

A demo will be given that helps you navigate the paths necessary to transition from app to containers, to pods, and ultimately to Kubernetes, highlighting how it reduces discrepancies and enables predictability in your deployments by leveraging Podman and Podman Desktop's perks and security advantages. You'll also learn how you can benefit from Podman Desktop to streamline your container development processes!

Speakers



Cedric Clyburn

Developer Advocate, Red Hat

Cedric Clyburn, Developer Advocate at Red Hat, is an enthusiastic software technologist with a background in Kubernetes, DevOps, and container tools. He has experience speaking at conferences and events including DevNexus, WeAreDevelopers, DevConf, and more. Cedric loves all things... [Read More](#)



Friday February 23, 2024 10:00am - 10:50am PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference, Cloud-Native Conference
- **In-Person/Virtual** In Person

10:15am PST

[Sponsor Spotlight: StackHawk \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Join StackHawk in **Booth #515** for a live demo & Q&A

Sponsors



STACKHAWK

[StackHawk](#)

StackHawk is making API and application security testing part of software delivery. The StackHawk platform offers engineering teams the ability to find and fix application bugs at any stage of software development. It gives Security teams insight into the security posture of applications... [Read More](#)



Friday February 23, 2024 10:15am - 10:30am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **In-Person/Virtual** In Person

10:30am PST

Sponsor Spotlight: LEADTOOLS (Live Demo, Live Raffle/Giveaway)

Join us at Booth 403 for a live demo showcasing the AI-powered, low-code recognition, document, medical, multimedia, and imaging technology that is found within the LEADTOOLS toolkit.

Enter to win a special giveaway - new winner each day!

Sponsors



LEADTOOLS

LEADTOOLS comprehensive collection of SDKs offer low-code, reliable controls for developers to integrate powerful document, medical, imaging & multimedia features Powered by patented AI and computer vision

algorithms, LEADTOOLS SDKs have helped developers Build Better Apps for over... [Read More →](#)

Friday February 23, 2024 10:30am - 10:45am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

10:30am PST

[PRO TALK: Big Data Mastery: The Revolution of Scalable Data Infrastructures](#)

Madhuri Muttreja, DISH Network, Enterprise data architect

Darshit Gandhi, DISH Network, Lead Data Analyst

The DISH Wireless 5G cloud-native network is generating petabytes of data per day, from the edge to our national data centers. Traditional centralized data architectures cannot accommodate this amount of data as they struggle to scale and integrate data from diverse domains. DISH is taking an entirely new approach to data architecture. Our decentralized and scalable approach allows for developers and enterprises to extract value from the vast amount of network data we're generating. We will introduce innovative data products that are the solution to data discovery, integration, understanding and replicability. And they are open source!

Speakers



Madhuri Muttreja

Enterprise Data Strategy and Architect, DISH Network



Darshit Gandhi

Lead Data Analyst, DISH Wireless

Friday February 23, 2024 10:30am - 10:55am PST

PRO Stage B

Data Engineering Conference

- **Certificates** Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Data Engineering Conference
- **In-Person/Virtual** In Person

10:30am PST

PRO TALK: Improving the Developer Experience with Developer Productivity Engineering

Baruch Sadogursky, Gradle, Principle Developer Advocate

The software development process is rampant with bottlenecks that negatively impact developer productivity and ultimately, happiness. On a daily basis, developers are stymied by slow build and test feedback cycles, inefficient troubleshooting, and unreliable toolchains that don't send valid signals (e.g. flaky tests). Antipatterns such as these create toil and inhibit their ability to create quality code, leaving developers feeling burnt out and unfulfilled. In fact, 85% of surveyed IT organizations reported spending too much time waiting on build and test feedback. Given the high rates of developer burnout and generative AI's growing potential to upend the development process, it is more critical than ever for IT leaders to prioritize the developer experience.

In this session, Gradle Inc. Principal Developer Advocate Baruch Sadogursky will introduce the emerging practice of Developer Productivity Engineering (DPE) and discuss how it can increase developer productivity by improving the developer experience. DPE views developer productivity as a technology challenge that can be solved by engineering solutions, rather than a people problem addressable by management techniques. As such, it relies on acceleration technologies and failure analytics to address the toil,

frustrations, and process bottlenecks that most negatively impact developers. DPE aims to achieve faster feedback cycles and provide actionable data so that developers can spend more time doing what they love—innovating and writing great code.

After this discussion, audiences will walk away with a better understanding of the benefits of adopting a DPE approach—like increased cost savings and delivering higher quality software, faster—as well as how teams can leverage it to maximize developer productivity and joy.

Speakers



[Baruch Sadogursky](#)

Principal Developer Productivity Engineering Advocat, Gradle

Baruch Sadogursky did Java before it had generics, DevOps before there was Docker, and DevRel before it had a name. He started DevRel at JFrog when it was ten people and took it all the way to a successful \$6B IPO by helping engineers solve problems. Now Baruch keeps helping engineers...

[Read More →](#)

Friday February 23, 2024 10:30am - 10:55am PST

PRO Stage A

DevLead Conference

- **Certificates** DevOps Certificate, Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevLead Conference, DevOps Summit
- **In-Person/Virtual** In Person

10:30am PST

OPEN TALK (ProductWorld): How to Build a Killer MVP App

Doug Kadlecik, Grio, President & Co-founder

We'll be discussing the essential ingredients required for building a successful MVP app, as well as point out what hazards to avoid along the way. We'll also answer any specific questions that you may have about building MVP apps. It will be an educational and collaborative event!

Speakers



Doug Kadlecik

President & Co-founder, Grio

Doug Kadlecik is the Founder and President of Grio, a full-service app development agency based in San Francisco. In his 15 years at Grio, Doug has participated in building dozens of MVP apps. Prior to founding Grio, Doug served as the Director of Engineering at several Internet startups...

[Read More →](#)

Friday February 23, 2024 10:30am - 10:55am PST

[ProductWorld Main Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [ProductWorld](#), [OPEN Talk](#), Methodology: Agile/Rapid Prototyping/SCRUM ([ProductWorld](#)), Product Lifecycle & Case Studies ([ProductWorld](#))
- **In-Person/Virtual** [In Person](#)

10:30am PST

[OPEN TALK: Unit Tests Are Overrated](#)

Titus Fortner, Sauce Labs, Developer Advocate

Dev teams are distracted by the wrong metrics, which results in overly focusing on the lowest level of tests. To ensure that code changes do not break existing functionality, devs must be able to always trust their CI builds. Maintaining the quality of results needs to be the primary focus of any test strategy, and excessive reliance on unit testing can hinder that effort. Join Titus to see how your tests might be giving you a false sense of confidence and how to balance the various types of functional tests.

Speakers



[Titus Fortner](#)

Developer Advocate, Sauce Labs

Titus Fortner is an open source software developer and a core contributor to automated testing projects including Selenium and Watir. He implemented automated testing solutions at several companies before joining Sauce Labs as a Solutions Architect, where he has worked extensively... [Read More →](#)

Friday February 23, 2024 10:30am - 10:55am PST

[OPEN Expo Innovation Stage](#)

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevOps Summit, Frontend Conference
- **In-Person/Virtual** In Person

10:30am PST

OPEN TALK: You Don't Need a Hero: Architecting for Peace of Mind

Oren Eini, RavenDB, CEO and Founder

In the dynamic landscape of software development, challenges often arise that demand heroic interventions to guide projects through complexity. But what happens when there's no hero to rely on? How does the fate of the project unfold?

In this keynote presentation, Oren explains how to build robust business applications that scale—systems demanding unwavering reliability, minimal latency, and optimal performance, which are the backbone of thriving businesses.

Discover how a resilient architecture eliminates the need for heroes, allowing seamless operation and the implementation of new features. Dive into the process of selecting the right database, choosing an architecture aligned with solid principles, leveraging existing infrastructure, and incorporating best practices.

This session includes a live demo of Oren's methods for seamlessly resolving application problems. Witness a scenario where machines and systems may falter, yet users continue operating normally, and your DevOps team remains idle without a care in the world.

Join Oren for a transformative exploration into crafting resilient architectures—your guide to tranquility amid complexity.

Speakers



Oren Eini

CEO and Founder, RavenDB

Oren Eini, also known as Ayende Rahien, is the Founder and CEO of RavenDB, a NoSQL document database management platform for startups and Fortune 500 companies. Boasting over 20 years of experience in software development and business leadership, Oren is globally recognized as a distinguished... [Read More →](#)

Friday February 23, 2024 10:30am - 10:55am PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, Dev Innovation Conference
- **In-Person/Virtual** In Person

10:30am PST

Dev Roundtable: Joe Furbee, Developer Advocate and Developers Community Manager, SAS Institute

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Joe Furbee](#)

SAS Developer Advocate and Developers Community Manager, SAS Institute

As a developer advocate at SAS, Joe serves as a liaison between the developer community and SAS technologies. He oversees developer.sas.com, which provides resources for developers on the SAS AI and analytics platform and open source, and writes articles on programming and SAS administration... [Read More →](#)

Friday February 23, 2024 10:30am - 11:00am PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference
- **In-Person/Virtual** In Person

10:30am PST

[OPEN TALK: Edge Cloud Devices - A Brief Look into Distributed Cloud](#)

Alok Shankar, Oracle, Engineering Manager

This session will be a brief intro to cloud edge devices and distributed cloud concept

Speakers



[Alok Shankar](#)

Engineering Manager, Oracle

Friday February 23, 2024 10:30am - 11:00am PST

[PeerConnect Lounge & Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Cloud-Native Conference
- **In-Person/Virtual** In Person

10:45am PST

[Sponsor Spotlight: Couchbase \(Live Demo\)](#)

Capella Columnar Demo
Couchbase Solutions Engineering Team

Booth #800

Sponsors



Couchbase

Modern customer experiences need a flexible database platform that can power applications spanning from cloud to edge and everything in between. Couchbase's mission is to simplify how developers and architects develop, deploy, and consume modern applications wherever they are. We... [Read More →](#)

Friday February 23, 2024 10:45am - 11:00am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

Sponsor Spotlight: SONAR (Live Demo)

Enjoy us in booth #210 for a live demo of SonarQube and SonarCloud

Sponsors



[Sonar](#)

Sonar equips developers and organizations to systematically achieve a state of Clean Code so that all code is fit for development and production. Trusted by 7+ million developers Sonar helps build responsible, secure, high-quality code quickly and systematically. Its open-source and... [Read More →](#)

Friday February 23, 2024 11:00am - 11:15am PST

[Expo Hall -- Exhibit Hall West](#)

OPEN Talks

- **Talk Type** OPEN Talk
- **In-Person/Virtual** In Person

11:00am PST

PRO TALK: Building Web Applications with LLMs

Max Gfeller, Sutro, Engineer

New AI technologies, such as OpenAIs ChatGPT, have taken the world by storm, unlocking an array of innovative applications across various domains. In this talk we're gonna explore how we can make use of these fascinating technologies to build and enhance web applications, using the Langchain framework.

We're gonna look at a few popular use cases and I will show you how they can be implemented. The goal is that by the end of the talk, you can go back to work and put what you've learned to practice on your own.

Speakers



[Max Gfeller](#)

Engineer, Sutro

Max is an engineer at Sutro, where they use AI to enable everyone to build beautiful apps instantly. He is a big fan of web technologies and modern Javascript frameworks such as Vue.js and React and organizes a local community called Web Enthusiasts Basel with regular meetups on all... [Read More →](#)

Friday February 23, 2024 11:00am - 11:25am PST

[PRO Stage C](#)

[AI & Machine Learning Conference](#)

- **Certificates** JavaScript Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference, AI & Machine Learning Conference

- **In-Person/Virtual** In Person

11:00am PST

PRO TALK: Understanding Your Cloud Disaster Recovery Cost

Natalie Sererbyakova, Altruist, Cloud Engineer

The talk dives into the challenges of managing disaster recovery costs in the cloud. It will cover difficulties in estimating and optimizing these costs for different disaster recovery options and use AWS cloud examples to clarify key ideas, focusing on understanding cost drivers and operational considerations.

The session will provide valuable insights into cost-efficient disaster recovery planning. It will also explain the importance of proactive cost estimation in disaster recovery planning to minimize operational overhead effectively.

Speakers



Natalie Sererbyakova

Staff Cloud Engineer, Altruist

My name is Natalie. I'm a Staff Cloud Engineer, who also enjoys working on building and automating various tools that help the development teams be

more productive and happy. What motivates me at work is the fast pace, team orientation, and creative environment, with always new challenges...

[Read More →](#)

Friday February 23, 2024 11:00am - 11:25am PST

PRO Stage D

Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

11:00am PST

PRO TALK: Harnessing Large Language Models in Enterprise Data Engineering: An On-Call Revolution

Mitesh Mangaonkar, Airbnb, Tech Lead Data Engineer
Jing Guo, Airbnb, Tech Lead and Senior Software Engineer

Data engineering teams encounter challenges like data quality issues and pipeline failures, especially in enterprise environments. Addressing this, our approach combines the linguistic prowess of models like GPT-4 with data engineering tasks. We autonomously identify and rectify data quality issues, transform anomaly detection paradigms, and automate recovery tasks. Our methodology achieves reduced resolution times, fine-tuned anomaly detectors, and minimized downtime. Empirical evidence showcases enhanced metrics such as reduced MTTR and fewer false positives, advocating a future where AI plays a pivotal role in on-call data engineering.

Key Takeaways:

1. Innovative Use of GPT-4: Leveraging large language models like GPT-4 can revolutionize traditional data engineering tasks, offering autonomous solutions.
2. Improved Anomaly Detection: By analyzing historical data, our system

provides optimized thresholds for anomaly detectors, balancing alert sensitivity and accuracy.

3. Efficient Issue Resolution: The approach significantly reduces resolution times, allowing engineers to focus on intricate challenges.

4. Empirical Validation: Our case studies validate improved metrics and overall system stability, suggesting tangible benefits of integrating AI in on-call data engineering.

Speakers



Jing Guo

Jing Guo, Airbnb

Data Architect Leader and an seasoned engineer, skilled in developing AI and ML-focused data solutions, scalable pipelines and machine learning model implementation



Mitesh Mangaonkar

Tech Lead Data Engineer, Airbnb

Mitesh is an accomplished Data Engineer and Architect with a proven track record in the dynamic realm of information technology and services. With a robust skill set encompassing Databases, Big Data technologies, Cloud Computing, Software Development Life Cycle (SDLC), and Hadoop... [Read More →](#)

Friday February 23, 2024 11:00am - 11:25am PST

PRO Stage B

Data Engineering Conference

- **Certificates** Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, Data Engineering Conference
- **In-Person/Virtual** In Person

11:00am PST

[PRO TALK: Framework for Measuring and Improving Product Quality](#)

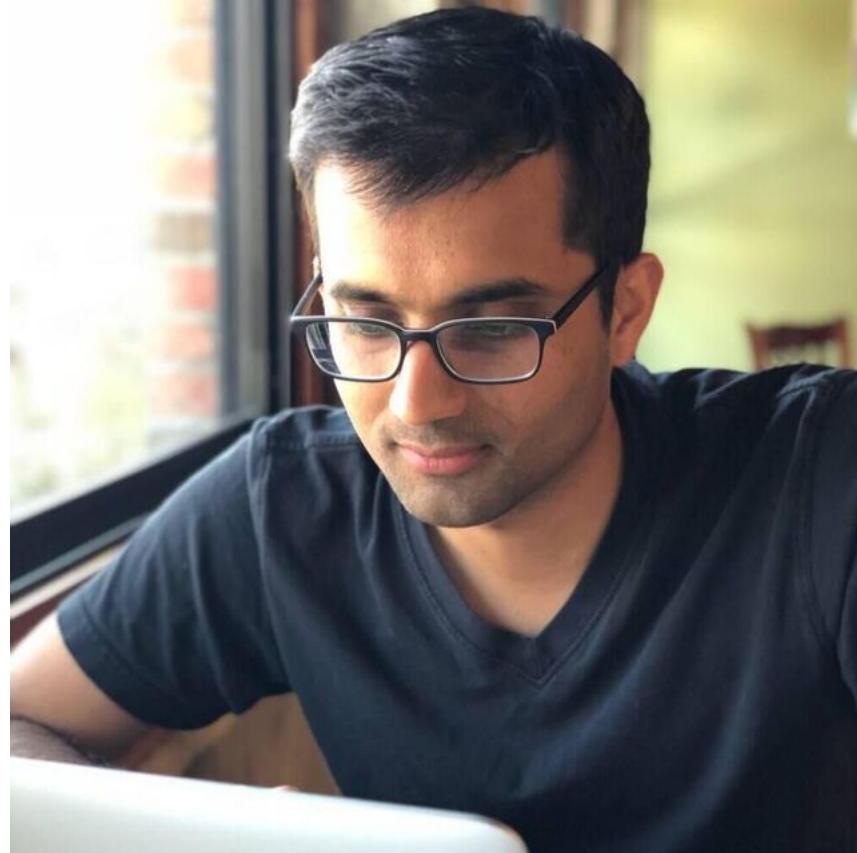
Harsha Vardhan Mudumba Venkata, Notion (Ex-Twitter and Meta Tech Lead), Engineering Manager

This talk will cover the following topics:

- 1) Breaks down what product quality means in the eyes of customers and stakeholders. We'll explore the dimensions and metrics that matter most.
- 2) Outlines a framework that provides a clear, step-by-step path for measuring, assessing, and enhancing product quality throughout the development lifecycle.
- 3) Explore strategies to foster a culture of quality within your organization, ensuring that everyone plays a role in delivering exceptional products.

The audience will have an actionable framework that they can take to their respective organization to implement.

Speakers



Harsha Vardhan Mudumba Venkata

Engineering Manager, Notion (Ex-Twitter and Meta Tech Lead)Engineering Manager @ Notion (Ex-Twitter and Meta Tech Lead)

Seasoned Engineering Lead with experience building teams and shipping products at Notion, Twitter, and Facebook. Drove complex cross-org, cross-functional projects in Twitter Ads, Instagram products for Creators, and Facebook Ads.

Friday February 23, 2024 11:00am - 11:25am PST

PRO Stage A

DevExec Summit

- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, DevLead Conference
- **In-Person/Virtual** In Person

11:00am PST

OPEN TALK (ProductWorld): Building a Dual Persona Product Suite: The Role of Opinionated Products, Adaptive APIs, and AI

Varun Singh, Daily.co, Chief Product & Technology Officer

How can "seeing is believing " be applied to API products ? How does AI help in this quest? During this talk, Varun will shed light on narrowing the imagination gap, a critical aspect of crafting compelling products that speak to two different personas - in our case at Daily – developers and entrepreneurs. Discover how the paradigm of creating 80-20 versions of end-user products (with the help of AI) is creating a new way of building APIs. This approach helps builders in creating faster and more unique experiences.

Speakers



Varun Singh

CPTO, Daily

Varun joins Daily as Chief Products and Technology Officer, bringing more than 20 years of experience and thought leadership in video communications. Most recently, Varun was CEO and cofounder of callstats.io, the leading performance monitoring service for WebRTC. Varun has co-authored... [Read More →](#)

Friday February 23, 2024 11:00am - 11:25am PST

[ProductWorld Main Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, ProductWorld, Methodology: Agile/Rapid Prototyping/SCRUM \(ProductWorld\), Product Lifecycle & Case Studies \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

[OPEN TALK: Backends Should Be Designed for Frontend Developers](#)

James Cowling, Convex, CTO and Cofounder

Your backend is letting you down. Backend infrastructure is often designed for managing underlying resources rather than for the needs of developers building the actual product. Recent attempts like edge computing to improve application performance make matters worse by adding yet another layer of complexity to manage. It is possible to design reliable scalable infrastructure that actually improves product developer velocity. This talk will outline recent innovations like automatic consistent caching, automatic dynamic reactivity, and automatically inferred schemas, that we've seen greatly accelerate developer velocity for developers building on Convex. This is a talk for application developers looking for a better way of building products.

Speakers



[James Cowling](#)

CTO and Cofounder, Convex

James is CTO/Cofounder at Convex which means he's accountable for technical decision-making whenever he's not thinking about how many more plants we should get for the office. He's most passionate about simple elegant solutions to complex problems. Before Convex James was Senior...

[Read More →](#)

Friday February 23, 2024 11:00am - 11:25am PST

DeveloperWeek Main Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference, Frontend Conference
- **In-Person/Virtual** In Person

11:00am PST

Dev Roundtable: Baruch Sadogursky, Principle Developer Advocate, Gradle

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Baruch Sadogursky

Principal Developer Productivity Engineering Advocat, Gradle

Baruch Sadogursky did Java before it had generics, DevOps before there was Docker, and DevRel before it had a name. He started DevRel at JFrog when it was ten people and took it all the way to a successful \$6B IPO by helping engineers solve problems. Now Baruch keeps helping engineers...

[Read More →](#)

Friday February 23, 2024 11:00am - 11:30am PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevLead Conference
- **In-Person/Virtual** In Person

11:00am PST

OPEN TALK: How to Make Hard Legacy Modernization Run Smoothly

Normandes Junior, StackSpot, Software Engineer

In today's fast-paced technological landscape, enterprises often grapple with outdated systems and inefficient codebases, posing significant challenges to productivity and competitiveness. Embracing modern software solutions is essential to unlock numerous benefits, including enhanced efficiency, reduced costs, and fewer bugs. This session explores possible and concrete solutions to facilitate the transition to modern software paradigms, offering a smoother path forward for you and your team.

Speakers



[Normandes Junior](#)

Software Engineer, StackSpot

Normandes Junior is a senior engineer at Zup with expertise in Java, Go and AWS. He helps his colleagues with detailed Code Reviews suggesting better code and great techniques. He has over 15 years of experience programming for big companies. He also loves house automation and electronics... [Read More →](#)

Friday February 23, 2024 11:00am - 11:50am PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

11:00am PST

[INVITE ONLY -- DevMarketing Summit & Lunch](#)

Fri, Feb 23

11:00 AM - 11:25 AM

Welcome & Networking

(Oakland Convention Center - PeerConnect Stage & Lounge)

11:30 AM - 11:55 AM

Keynote: Developers Are The Rainmakers
Baruch Sadogursky, Gradle, Head of DevRel
(DeveloperWeek Main Stage)
12:00 PM - 12:30 PM
Lunch (provided - there is no cost to you)

The Future of Dev Marketing

- Katie Miller, Developer Marketing Advisor
- Kevin White, Head of Marketing @ Common Room

(PRO Stage A)

12:30 PM - 1:00 PM

The Future of Careers in DevRel and Dev Marketing

- Budhaditya Bhattacharya, Developer Advocate @ Tyk

(PRO Stage A)

1:00 PM - 1:30 PM

Panel: Code to Community: Redefining Developer Engagement in Tomorrow's World

- Katie Miller, Developer Marketing Advisor
- Kevin White, Head of Marketing @ Common Room
- Marisa Smith, Developer Advocate @ Tobiko Data
- Budhaditya Bhattacharya, Developer Advocate @ Tyk
- Moderated by: Rob Zazueta, Technical Advisor @ DevNetwork

(PRO Stage A)

1:30 PM - 2:00 PM

Expo Tour & Networking

Speakers



Rob Zazueta

Technical Advisor, DevNetwork



Katie Miller

Developer Marketing Advisor

Katie Miller is a Developer Marketing leader and advisor, having built and managed developer programs and marketing initiatives for Slack, Asana, and Google. While her career has taken some interesting twists and turns (dental school admissions, cookbook editing to name a few), at... [Read More →](#)



Marisa Smith

Developer Advocate, Tobiko Data

Marisa had an exciting path that led her to Developer Advocacy. With a background in theoretical and computational physical chemistry, she's run experiments at particle accelerators worldwide. But after finishing her Ph.D., she moved into industry. As Streamlit's first developer advocate... [Read More](#)

→



Budhaditya Bhattacharya

Product Evangelist, Tyk

Hello! I'm Budha, your trusted Developer Relations Lead and Developer Advocate with a passion for all things tech. As the host of the "All About APIs" podcast and the API Hangout, I dive deep into the world of APIs, sharing insights and fostering connections in the developer community... [Read More](#)



Friday February 23, 2024 11:00am - 2:00pm PST

Oakland Convention Center - Lobby

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

11:15am PST

Sponsor Spotlight: RavenDB Live Demo, Live Q&A (post speaking session)

During the Sponsor Spotlight, Mr. Eini will conduct a live demonstration of RavenDB, offering in-depth insights into the new version, its features, and a comparative analysis with the previous release.

Following his engaging lecture, we invite attendees to join us at our booth (**#212**) for a dedicated in-person Q&A session, focusing the latest updates of RavenDB.

Sponsors



Your Data, Our Commitment

RavenDB

Friday February 23, 2024 11:15am - 11:30am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **In-Person/Virtual** [In Person](#)

11:30am PST

[Sponsor Spotlight: Codacy \(Live Demo, Live Raffle/Giveaway\)](#)

Watch a Codacy Live Demo in **Booth #214** led by our engineering team, and stick around to find out who will be the winner of our Nintendo Switch Raffle! Have a chat with our team and pick up some swag on your way out.

Sponsors



Codacy

Friday February 23, 2024 11:30am - 11:45am PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **In-Person/Virtual** In Person

11:30am PST

PRO TALK: Building Ingress - From Concept to Connection

Scott McAllister, ngrok, Developer Advocate

At first glance, ingress is an easy concept: you route traffic from the wider

world into your cluster. As you layer on SSL and load balancing, the principles stay the same and everything works with minimal thought and effort. But as your infrastructure grows, your clusters grow, the interactions get more complex, and your security requirements explode. In this session, I'll walk you through how we designed and built an Ingress Controller and have converted our clusters to use it in production to support millions of requests. It wasn't easy but running it as an open source effort from the start encouraged our team and customers to review, explore, and consider situations outside our original plans.

Speakers



Scott McAllister

Developer Advocate, ngrok

Scott McAllister is a Developer Advocate for ngrok. He has been building web applications in several industries for over a decade. Now he's helping others learn about a wide range of web and infrastructure technologies.

When he's not coding, writing or speaking he enjoys long walks... [Read More](#)



Friday February 23, 2024 11:30am - 11:55am PST

PRO Stage D

Cloud-Native Conference

- **Certificates** [Cloud Management Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

11:30am PST

OPEN TALK: Developers Are The Rainmakers

Baruch Sadogursky, Gradle, Head of DevRel

"Developers Are the Rainmakers" zeroes in on the critical role of Developer Relations (DevRel) in shaping effective marketing strategies and fostering organizational growth. This talk will unravel how DevRel extends beyond mere awareness, acting as a key player in enhancing product appeal and adoption across all levels of an organization. We'll share insights into leveraging bottom-up, product-led growth, and offer guidance on crafting products that naturally encourage this growth model. If you're keen on grasping the multifaceted impact of DevRel or integrating these approaches into your product strategy, this session is for you.

Speakers



Baruch Sadogursky

Head of DevRel, Gradle

Baruch Sadogursky (@jbaruch) did Java before it had generics, DevOps before there was Docker, and DevRel before it had a name. He started DevRel at JFrog when it was ten people and took it all the way to a successful \$6B IPO by helping engineers solve problems. Now Baruch keeps helping...

[Read More →](#)

Friday February 23, 2024 11:30am - 11:55am PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

11:30am PST

OPEN TALK (ProductWorld): How to Leverage Behavioral Data + AI to Unlock the Optimal Customer Experience

Dustin "Dusty" Pearce, Amplitude, VP of Engineering

When building digital products and enhancing user experiences through AI, gathering user feedback is crucial. However, traditional methods such as surveys often aren't enough to generate explicit feedback. In this session, Amplitude's Dustin "Dusty" Pearce will explore the important role that user behavior tools play in effectively capturing user feedback and improving AI models. The audience will walk away with an understanding of the challenges associated with gathering user feedback, how user behavior data can better inform our AI models, and how organizational shifts can also be an effective tool in orienting a company around CX. In this session, Dusty can also share practical insights and strategies for integrating user behavior tools into the development process.

Speakers



Dustin "Dusty" Pearce
VP of Engineering, Amplitude

With more than 20 years of experience in software development, Dusty Pearce's passion for development inspires and empowers highly effective teams. As VP of Engineering, Data, Dusty helps scale Amplitude's

engineering and product organizations and leads the development of the...

[Read More →](#)

Friday February 23, 2024 11:30am - 11:55am PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Talk Type** OPEN Talk
- **Track or Conference** AI & Machine Learning Conference, ProductWorld, OPEN Talk, Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** In Person

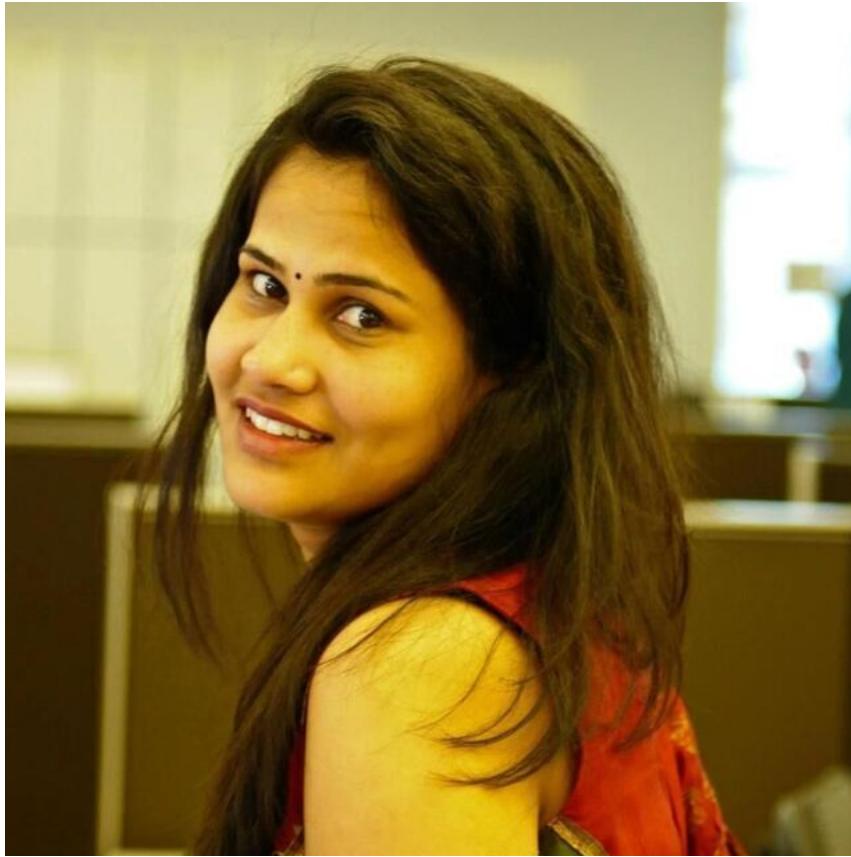
11:30am PST

[PRO TALK \(ProductWorld\): Navigating Difficult Dynamics](#)

Krithika Manikavasagam, Walmart Labs, Sr.Manager of Product Management

As Product Managers progress, this session will provide information on how to entrusted with managing larger product portfolios, overseeing cross-functional teams, setting product strategy, mentoring junior product managers, collaborating with executive leadership, and driving initiatives that align with the business goals of the organization.

Speakers



Krithika Manikavasagam

Sr.Manager of Product Management, Walmart Labs

I'm an enthusiastic professional possessing a graduate degree in Electronic and communication. I thrive at delivering intuitive solutions to internal and external customers and driving the organization towards success. My academic and work experiences have equipped me with the necessary...

[Read More →](#)

Friday February 23, 2024 11:30am - 11:55am PST

[OPEN Expo Discovery Stage](#)

[ProductWorld](#)

- **Talk Type** PRO TALK
- **Track or Conference** [ProductWorld](#), [Product Teams: Managers & Developers & Designers](#)
[UI/UX \(ProductWorld\)](#)

- **In-Person/Virtual** [In Person](#)

11:30am PST

Product Roundtable: Mark Cruth, Principal Modern Work Coach & Designer, Atlassian

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Mark Cruth

Modern Work Coach / Designer, Atlassian

Focused on practice over theory, Mark is a pragmatic modern work designer and coach. With over a decade of experience experimenting with teamwork practices at places like Boeing, Nordstrom, TD Ameritrade, and Rocket

Mortgage, Mark's mission is to inject modern ways of working, a transformation... [Read More →](#)

Friday February 23, 2024 11:30am - 12:00pm PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, ProductWorld, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Product Manager Roundtable Talks (ProductWorld)
- **In-Person/Virtual** In Person

11:45am PST

Sponsor Spotlight: Vonage (Live Demo)

Building an Automated Phone System in Less Than 5 minutes

Learn how you can build an automated phone system using the Vonage Voice API, and deploy it in a few minutes using Vonage's serverless platform Booth #410

Sponsors



Vonage

Vonage is a cloud communications platform that allows developers to integrate voice, video and messaging into their applications using their communication APIs. So whether you want to build video calls into your app, create a Facebook bot, or build applications on top of programmable... [Read More →](#)

Friday February 23, 2024 11:45am - 12:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

12:00pm PST

Sponsor Spotlight: Scramjet (Live Demo)

Join Scramjet in booth #608 for a live demo: **A race against time to connect two remote internal endpoints to build a virtual cloud-like environment in 5 minutes.**

Sponsors



scramjet

Scramjet

Scramjet instantly connects diverse data environments, streamlining integration with real-time scalability and efficiency.

Friday February 23, 2024 12:00pm - 12:15pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

12:00pm PST

Dev Roundtable: Alex Drag, Director of Product Marketing, Gravitee.io

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Alex Drag

Director of Product Marketing, Gravitee.io

Based in Fort Collins, CO. I started at Gravitee in January of 2022! I work to help position Gravitee's technology story in a manner that attracts, engages, and educates our addressable market. Functionally, Product Marketing is responsible for positioning and messaging, content strategy... [Read More →](#)

Friday February 23, 2024 12:00pm - 12:30pm PST

[Roundtable Room](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference
- **In-Person/Virtual** In Person

12:15pm PST

Sponsor Spotlight: ReadMe (Live Demo)

Join ReadMe in Booth #802 for a live demo & Q&A.

Sponsors



ReadMe

ReadMe transforms static API documentation into interactive developer hubs that help users succeed with your APIs. Help developers make their first call

faster, quickly troubleshoot issues along the way, and get insights into API usage to focus your team on the highest-impact improvements. With... [Read More →](#)

Friday February 23, 2024 12:15pm - 12:30pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

12:30pm PST

[Sponsor Spotlight: Sonatype \(Live Demo\)](#)

Our just-released AI/ML Component Detection, a first-of-its-kind feature that can answer the question of where and how AI and GenAI are being used in your development organization.

Booth # 215

Sponsors



sonatype

Sonatype

Sonatype is the software supply chain management company. We enable organizations to innovate faster in a highly competitive market. Our industry-leading platform empowers engineers to develop software fearlessly and focus on building products that power businesses. Sonatype researchers...

[Read More →](#)

Friday February 23, 2024 12:30pm - 12:45pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

12:30pm PST

Product Roundtable: Doug Kadlecik, President & Co-founder, Grio

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Doug Kadlecik

President & Co-founder, Grio

Doug Kadlecik is the Founder and President of Grio, a full-service app development agency based in San Francisco. In his 15 years at Grio, Doug has participated in building dozens of MVP apps. Prior to founding Grio,

Doug served as the Director of Engineering at several Internet startups...

[Read More →](#)

Friday February 23, 2024 12:30pm - 1:00pm PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [ProductWorld](#), Methodology: Agile/Rapid Prototyping/SCRUM ([ProductWorld](#)), Product Manager Roundtable Talks ([ProductWorld](#))
- **In-Person/Virtual** [In Person](#)

12:45pm PST

[Sponsor Spotlight: Splunk \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Join Splunk at booth 509 to keep the conversation going and ask questions after Greg Leffler's talk on Observability and OpenTelemetry. Greg will be available to answer questions in person and the Splunk team will be around to show demos of Splunk Observability Cloud. You can also enter to win our raffle prize!

Sponsors



[Splunk](#)

Splunk is helping to build a safer and more resilient digital world by equipping customers with the unified security and observability platform they need to keep their organization securely up and running – no matter what digital disruptions come their way.

Friday February 23, 2024 12:45pm - 1:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

1:00pm PST

[OPEN TALK: Redefining code reviews with AI](#)

Gur Singh, CodeRabbit, Co-Founder

Discover how CodeRabbit is using AI to accelerate the code reviews and improve the code quality.

Speakers



Gur Singh

Co-founder, CodeRabbit

Gur Singh is the co-founder of CodeRabbit. He has extensive experience in software development, working across various positions in engineering and product, and fully understands its challenges. He is passionate about using AI to empower developers, to overcome these challenges, and... [Read More →](#)

Friday February 23, 2024 1:00pm - 1:10pm PST

[OPEN Expo Innovation Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference
- **In-Person/Virtual** In Person

1:00pm PST

Sponsor Spotlight: GitHub (Live Demo)

Witness the power of GitHub Copilot, the globally embraced AI developer tool revolutionizing coding experiences. Senior Developer Advocate Jon Peck invites you to soar through a live demonstration, showcasing how this cutting-edge AI coding assistant enhances and streamlines developer workflows. Don't miss the chance to explore new heights in coding efficiency!

Booth # 209

Sponsors



GitHub

GitHub provides code hosting services that allow developers to build software for open-source and private projects in organizations.

Friday February 23, 2024 1:00pm - 1:15pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)

- **In-Person/Virtual** [In Person](#)

1:00pm PST

OPEN TALK: How We Built an Interactive Board That Displays Sms, Mms, and Whatsapp Messages

Amanda Cavallaro, Vonage, Developer Advocate

Want to take your event attendee engagement to the next level? In this talk, Amanda Cavallaro shares how she created an interactive SMS/MMS board using the Vonage Messages API that lets guests message and see it displayed in real-time.

We'll explore the end-user experience and how the board was created a fun way for people to share messages, photos, and videos throughout the event. She'll show you the end-to-end development from receiving messages via webhooks to displaying them in real-time on a web board.

You'll learn how simple API calls enable powerful two-way messaging communication. There are many use cases; for instance, whether you're an event organizer or marketer or attended a wedding or conference with a message board, you'll discover how this emerging technology can create a more engaging, personalized event. The possibilities are endless when you make messaging interactive!

Speakers



Amanda Cavallaro

Developer Advocate, Vonage

Amanda Cavallaro is an Italo-Brazilian developer advocate @ Vonage. She is a Google Developers Expert for the Firebase and Conversational AI categories, passionate about cloud technologies, JavaScript, human-computer interactions, and ambient computing, and loves learning. You can... [Read More →](#)

Friday February 23, 2024 1:00pm - 1:25pm PST

DeveloperWeek Main Stage

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevOps Summit
- **In-Person/Virtual** In Person

1:00pm PST

PRO TALK (ProductWorld): Global Agility: Scaling Agile Practices for Distributed Teams

Dmytro Savchenko, Kinesso, VP of Application Engineering

In today's globalized business landscape, managing distributed teams has become the norm rather than the exception. As someone who personally manages teams across the world, I've experienced firsthand the challenges and opportunities that come with overseeing Agile practices on a global scale. This presentation will provide insights into the intricacies of adapting Agile methodologies for teams scattered across continents, ensuring that collaboration, communication, and delivery remain top-notch.

Speakers



Dmytro Savchenko

VP of Application Engineering, Kinesso

My name is Dmytro Savchenko, and I am the Vice President of Engineering at Kinesso, a leading AdTech company, as well as the author of the Thoughtful Edge podcast. I have dedicated my career to the field of technology and am proud to be a part of such a dynamic and innovative organization. My... [Read More →](#)

Friday February 23, 2024 1:00pm - 1:25pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [ProductWorld](#), [Methodology: Agile/Rapid Prototyping/SCRUM \(ProductWorld\)](#), [Product Lifecycle & Case Studies \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

1:00pm PST

[Dev Roundtable: Irina Nazarova, CEO, Evil Martians](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Irina Nazarova

CEO, Evil Martians

Some people have a clear destiny, some don't. During the first 30 years of my life, I founded two startups, earned degrees in CS and Data Analysis, and embraced a range of occupations: from being a C++ engineer and investment bank research analyst to a studio photographer, product... [Read More →](#)

Friday February 23, 2024 1:00pm - 1:30pm PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit
- **In-Person/Virtual** In Person

1:00pm PST

PRO TALK: Introduction to Cypress for End-to-End Testing

Alain Chautard, Angular Training, Google Developer Expert in Angular / Web

We will test a web application from scratch using Cypress. Step by step, we will learn about Cypress features, implement those in our tests. We will be testing various aspects of the application (navigation, clicks, user input), and see how to debug and improve our tests, make them more readable, and even how to mock the server-side in order to test more scenarios on the front-end.

Speakers



[Alain Chautard](#)

Google Developer Expert in Angular / Web, Angular Training

Alain is a Google Developer Expert in Web Technologies / Angular. He started working with Angular JS in 2011. Since then he has worked with all Angular versions on a daily basis, both as a developer and as a technical trainer. He is the organizer of the Google Developer Group chapter... [Read More →](#)

Friday February 23, 2024 1:00pm - 1:50pm PST

PRO Stage C

Frontend Conference

- **Certificates** JavaScript Certificate
- **Talk Type** PRO TALK
- **Track or Conference** JavaScript Conference, Data Engineering Conference
- **In-Person/Virtual** In Person

1:00pm PST

OPEN TALK: Modernizing the Developer Runtime

Ben Potter, Coder, Head of Product

Enterprises have shifted left with DevOps, PlatformOps, and CI/CD, but what about engineers' primary responsibility? Writing code.

Engineers are forced to cram giant, decades-old codebases onto laptops or – even worse – VDI machines. Every day, enterprise engineers wrestle with environments to get access to tools and infrastructure rather than cranking out code from their favorite IDE. Attendees will learn how Cloud Development Environments are used in the enterprise to onboard developers, unblock new technologies, and keep developers in flow.

Speakers



[Ben Potter](#)

Head of Product, Coder

Ben Potter is an engineer and Head of Product at Coder, an open-source platform for cloud developer environments. Before Coder, Ben did all of his professional projects and tinker projects on remote machines and now works with enterprises to move their developer boxes to the clou... [Read More →](#)

Friday February 23, 2024 1:00pm - 1:50pm PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, Enterprise Summit](#)
- **In-Person/Virtual** [In Person](#)

1:00pm PST

[OPEN TALK: Zooming with Marvis: AI-Powered Networking for Flawless Calls](#)

In today's interconnected world, real-time video applications such as Zoom have become indispensable, both in professional and personal settings. However, these applications are among the most demanding on network resources, where every moment counts. A network hiccup—be it in wired, wireless, or WAN connections—can disrupt these crucial moments, leading to lost opportunities and frustrations.

This presentation delves into the correlating Zoom's detailed performance data with telemetry from various network sources, including wireless access points, switches, and WAN. By integrating these diverse data streams, we can construct a comprehensive client-to-cloud picture. This holistic view enables us to pinpoint network issues, identify their root causes, and implement effective solutions, thereby enhancing the user experience. Moreover, the insights gained from this aggregated data not only help in resolving immediate problems but also in learning and improving network performance over time.

In this presentation, we will discuss the insights that can be drawn from Zoom's data, the significance of network telemetry, and how these elements can be synthesized to ensure seamless, high-quality video conferencing experiences.

Speakers



Prashant Kumar

Principal Engineer, AI Driven Enterprise., Juniper Networks

With over 19 years of experience in the tech industry, Prashant stands at the forefront of the rapidly evolving field of AI data engineering. Over the past year, Prashant has been working on Zoom call QoS telemetry and co-relating it with Wireless, Wired and WAN metrics at Juniper... [Read More →](#)

Friday February 23, 2024 1:00pm - 2:00pm PST

[PeerConnect Lounge & Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk

- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

1:30pm PST

Sponsor Spotlight: Akamai (Live Raffle/Giveaway)

Join Akamai at booth #207 for a chance to win a pair of Apple AirPod Max Wireless Over-Ear Headphones! Just pick up a raffle ticket and see if your number is called!

Sponsors



Akamai

Akamai powers and protects life online. Leading companies worldwide choose Akamai to build, deliver, and secure their digital experiences – helping billions of people live, work, and play every day. Learn more about Akamai's cloud computing, security, and content delivery solutions... [Read More →](#)

Friday February 23, 2024 1:30pm - 1:45pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

1:30pm PST

PRO TALK: Stop Overspending on the Cloud with Automation

Ross Gustavson, CAST AI, Regional Account Executive

The cost of running applications in the cloud is astronomical, and it's only going to get more expensive given the growing number of organizations that have started running and training AI models. Did you know that, on the average, companies spend on cloud computing almost three times what they should? Why? The answer is overprovisioning of expensive resources and equates to throwing money down the drain.

The solution is simple: automation.

In this session, I will:

Explain why organizations spend on average 3x more than they should on cloud resources - the vast majority of cost waste is the result of CPUs and memory that are provisioned but not utilized

Highlight the negative impact that has on organizations

Explain how it can be avoided via automation - Monitoring and recommendations are not enough. It's impossible for a human to optimize their cloud infrastructure in real-time. Automation is necessary and automation is cool.

Showcase a couple of examples of companies who have automated cloud resourcing and the benefits they've received.

Speakers



Ross Gustavson

Regional Account Executive, CAST AI

A passionate advocate for cloud neutrality and breaking cloud monopolies with Kubernetes, Ross has gained extensive experience in business development. Fostering long-term partnerships through his unparalleled dedication to customer success, he engages diverse clients, from Fortune...

[Read More →](#)

Friday February 23, 2024 1:30pm - 1:55pm PST

PRO Stage D

Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

1:30pm PST

PRO TALK: Decentralization, Blockchain, and Open Source: Better Together

Hart Montgomery, Hyperledger Foundation, CTO

Blockchain is being increasingly adopted as the trust infrastructure for critical systems around the world. At its core, a blockchain serves as an information store with decentralized trust: even if some constant fraction of participants in a blockchain act maliciously, the blockchain will still retain its ability to be a truthful store of information. This decentralization is blockchain's main advantage and usefulness over traditional databases. In this talk, I will explain the core relationship between decentralized trust and blockchain in a way that relates to both cryptocurrencies and permissioned blockchain systems like those built with Hyperledger technologies. I will explain how blockchain governance typically works (also in a decentralized manner!) with a variety of examples. Finally, I will explain why fully open source development processes

are the only way to ensure proper decentralization of blockchains and how we go about these processes in the Hyperledger Foundation.

Speakers



Hart Montgomery

CTO, Hyperledger Foundation

Hart Montgomery serves as the CTO of Hyperledger Foundation and as a technical advisor to the Open Wallet Foundation. Hart has extensive experience in blockchain and cryptography, and previously worked in blockchain and cryptography research at Fujitsu Research where he helped lead... [Read More →](#)

Friday February 23, 2024 1:30pm - 1:55pm PST

PRO Stage B

Dev Innovation Conference

- **Talk Type** PRO TALK
- **Track or Conference** Dev Innovation Conference
- **In-Person/Virtual** In Person

1:30pm PST

[PRO TALK: Change *Who* You Hire by Changing *How* You Hire: Creating a More Inclusive Engineering Environment](#)

Jocelyn James, Bitly, Engineering Manager

While many in the industry have yet to acknowledge it, the interview & hiring process in tech is broken. Many companies will profess diversity, equity, and inclusion as important values but fail to see how many of the current practices in engineering hiring are inherently biased and therefore lead to biased outcomes. As an engineering leader with a background in human rights and gender equality, I have had the opportunity to create and implement interview & hiring policies that truly foster a diverse, inclusive environment. I am excited to share these best practices with other engineering leaders in order to effect wider change in making tech a sector where individuals from all backgrounds can thrive.

Speakers



Jocelyn James

Engineering Manager, Bitly

Jocelyn is an engineering manager whose previous careers have included teaching, refugee services, and mental health research. As a disabled woman

with a background in human rights, Jocelyn is passionate about inclusivity in engineering and ensuring that those with non-traditional... [Read More →](#)

Friday February 23, 2024 1:30pm - 1:55pm PST

[PRO Stage A](#)

[DevExec Summit](#)

- **Certificates** [Dev Leadership Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevExec Summit](#)
- **In-Person/Virtual** [In Person](#)

1:30pm PST

[OPEN TALK: Code Quality at Warp Speed: Powering Up Continuous Delivery with Static Code Analysis](#)

Peter McKee, Sonar, Head of Developer Relations

In the fast-paced world of software development, we're always looking to get our cool new features out the door as quickly as possible. That's where Continuous Integration (CI) and Continuous Delivery (CD) shine. But in our rush to deliver features faster, are we missing a quality step in our pipelines? Unit testing and End-to-end testing do a good job at ensuring features and functionality work correctly but what about Code Quality? How do we ensure our code is reliable, maintainable and secure? Enter Static Code Analysis. In this talk we'll cover why testing is not enough and to truly deliver reliable value to our customers, we need to be doing static code analysis. We'll take a look at what static code analyzers are, what they do and how to implement them in our CI/CD pipeline.

In summary, this talk will emphasize that incorporating Static Code Analysis into the CI/CD pipeline is not just an option but a necessity for organizations aiming to achieve a balance between rapid software delivery and maintaining high standards of code quality and security. Attendees will leave with a comprehensive understanding of the importance of Static Code

Analysis in their CI/CD pipeline and practical insights on how to effectively integrate it into their development processes.

Speakers



Peter McKee

Head of Developer Relations, Sonar

Peter McKee is the Head of Developer Relations and Community at Sonar and maintainer of the open source project Ronin.js. Originally from Pittsburgh, PA but currently residing in Austin, TX, Peter built his career developing full-stack applications for over 25 years. He has held multiple...

[Read More →](#)

Friday February 23, 2024 1:30pm - 1:55pm PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevOps Summit, Devtech Strategy Summit
- **In-Person/Virtual** In Person

1:30pm PST

PRO TALK (ProductWorld): The Road Less Traveled: Ethical Considerations in A/B Testing

Ketaki Vaidya, Oracle, Product Manager-AI

This talk will delve into the critical intersection of product management, A/B testing, and ethics. Drawing on real-world case studies and principles of Institutional Review Boards (IRBs), the session will explore the ethical dimensions of A/B testing experiments, with a focus on protecting participants and safeguarding data privacy. This session won't just raise questions; it will provide actionable solutions.

Attendees will leave with practical recommendations for implementing ethical A/B testing practices within their organizations. From limiting access to educating employees about ethics, these strategies are designed to promote responsible experimentation. By the end of the session, attendees will be equipped with the knowledge and tools to navigate the complex ethical landscape of A/B testing, ensuring that your product development efforts align with the highest standards of integrity and user-centricity.

Key Takeaways:

1. Human-Centered A/B Testing: A/B testing involves real people, and their participation must be ethically safeguarded. The attendees will learn how to prioritize the well-being of participants while conducting experiments that drive product improvement.
2. Case Studies Speak Volumes: The session will explore historical case studies such as the Tuskegee Study and Facebook's 2012 experiments to understand the consequences of unethical testing practices.
3. Institutional Review Boards (IRBs): We will discover the four fundamental principles (risk assessment, benefits, alternatives, and data sensitivity) of IRBs and how they apply to A/B testing.
4. Data Privacy Matters: The attendees will understand the distinctions between identified, pseudonymous, and anonymous data, and the importance of anonymization in protecting user privacy.
5. Practical Recommendations: The attendees will gain actionable insights

into ethical A/B testing practices, including time-limited access, employee education on ethics, and establishing clear protocols for handling high-risk scenarios and data sensitivity issues.

Speakers



Ketaki Vaidya

Product Manager-AI, Oracle

I hold the position of AI Product Manager at Oracle, where my primary role involves creating and managing Artificial Intelligence Solutions for a hotel operations and distribution enterprise platform. Additionally, I host a podcast called "Personal Branding for Professionals," which... [Read More →](#)

Friday February 23, 2024 1:30pm - 1:55pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** [ProductWorld](#), Methodology: Agile/Rapid Prototyping/SCRUM
([ProductWorld](#)), Product Teams: Managers & Developers & Designers UI/UX ([ProductWorld](#))
- **In-Person/Virtual** [In Person](#)

1:45pm PST

[Sponsor Spotlight: Coder \(Live Q&A \(post speaking session\)\)](#)

We welcome all to join us in the Coder booth after our talk from Ben Potter, Head of Product, on Modernizing the Developer Runtime for continued discussion with the Coder team!

Booth 404

Sponsors



Coder

Coder keeps developers in flow with solutions designed to increase developer productivity. Coder's browser-based IDEs (Integrated development environment) and cloud development environments (CDE) are open source software for developers and small application teams to create, access... [Read More →](#)

Friday February 23, 2024 1:45pm - 2:00pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

Sponsor Spotlight: Zuplo (Live Demo, Live Raffle/Giveaway)

Learn how to build an enterprise-grade API in 5 minutes with Zuplo.
Attendees will have a chance to win a special prize at the end of the day.

Booth # 211

Sponsors



Zuplo

API Management is broken. Zuplo is reinventing the API gateway / API Management market with a focus on Developer Experience, speed, collaboration and improving outcomes for API owners. Ship a stripe quality API in record time and bring order to the chaos of your API sprawl.

Friday February 23, 2024 2:00pm - 2:15pm PST

Expo Hall -- Exhibit Hall West

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk
- **In-Person/Virtual** In Person

2:00pm PST

OPEN TALK: Unlocking the Power of Smart Contracts: A Guide for Leaders in the Era of Blockchain

Medha Parlikar, Casper Labs, Co-founder and CTO

There's no denying that blockchain is on the rise, quickly becoming a critical tool for organizations across industries. In fact, blockchain is growing at a rate akin to cloud computing, positioning it as the next truly disruptive enterprise technology. Yet, smart contracts—a powerful technology behind all blockchain-powered applications—are vastly misunderstood by business leaders. To stay ahead in a climate where competition is tight and businesses are looking to do more with less, leaders must understand smart contracts and their ability to drive efficiency, create new revenue streams, and cultivate better customer experiences. But currently, this isn't the case, with only 30% of business leaders reporting a strong understanding of smart contracts (The State of Enterprise Blockchain in 2023, Casper Labs). Join Medha Parlikar, co-founder and CTO of Casper Labs, as she explores everything today's leaders need to know about smart contracts. Parlikar will take a deep dive into what smart contracts are and why they're a uniquely powerful concept, how the technology has evolved to meet the needs of today's enterprise, highlight top use cases across industries—such as IPwe's partnership with Casper Labs to mint 25M patents as digital assets and Nucleus Finance's use of the Casper blockchain to transform financial contracts—and outline best practices to help leaders successfully onboard blockchain into their existing tech stacks and bring their organizations new value.

Speakers



Medha Parlikar

Co-founder and CTO, Casper Labs

Friday February 23, 2024 2:00pm - 2:25pm PST

DeveloperWeek Main Stage

API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** OPEN Talk
- **Track or Conference** API & Microservices Conference, Dev Innovation Conference, DevExec Summit, OPEN Talk
- **In-Person/Virtual** In Person

2:00pm PST

PRO TALK: ZTNA Security in the World Of Hybrid Workmodel and BYOD

Rakesh Datta, Microsoft, Senior Technical Leader

Today, we are witnessing a technological paradigm shift, as people transition from office-based work to a hybrid model and utilize their own devices over VPN. However, with this shift comes a significant security challenge. In this talk, I aim to enlighten the audience on how companies are addressing this

security challenge by adopting Zero Trust Network Access (ZTNA) and organizations are making substantial investments in this technology, considering it to be one of the most crucial network security advancements of the next decade.

Speakers



Rakesh Datta

Rakesh Datta Senior Technical Leader, Microsoft

Rakesh is a visionary, innovator, and technical leader, who has worked in the computer software industry for around 14 years. After completing his bachelor's in engineering from India and Master's from the USA, he worked for big enterprises like Microsoft, CISCO, Dell, and others... [Read More →](#)

Friday February 23, 2024 2:00pm - 2:25pm PST

[PRO Stage D](#)

[Cloud-Native Conference](#)

- **Certificates** [Cloud Management Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [Cloud-Native Conference](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[PRO TALK: Beyond the Classroom: Your Early Years as a Software Engineer](#)

Fatima Taj, Yelp, Software Engineer

You're starting your first tech job tomorrow and you're a bundle of nerves. You've been taught the technical basics in school, but how do you navigate the early days at a new workplace? After all, working in the industry isn't as straightforward as it was in the classroom; it's no longer about attending classes and writing exams. This territory feels unfamiliar to most of us, because we're not really taught how to best approach the early days at a new job. This presentation addresses those early days as a recent graduate where one can feel very lost and insignificant, with tips to start making meaningful contributions, creating a great first impression and setting yourself up for long term success!

The presentation will focus on the following areas:

1. Reflect on existing processes/documentation: Every team has its own processes/style of documentation and this offers you a great opportunity to make a meaningful contribution in! For example, if you feel that your onboarding was particularly difficult because of the lack of

documentation/processes, this could be something that you could work on, especially since you have a fresh perspective as a new hire. Alternatively, you could also look into potential ways of improving existing processes/documentation.

2. The Art of Asking Questions: As overwhelming as it can be to ask a question, especially when starting a job as a new graduate, there is an art to asking questions which can allow you to feel both empowered and unintimidated. This includes doing your research before, using the rubber duck technique before asking the question, and being respectful of people's time.

3. Deep Dive into your Projects: Even on teams with excellent documentation, getting started on your technical projects can be a very daunting task, since there's multiple components involved. Over time though, you will understand how these things are done on your team, but it can save you a lot of time and potential headaches to figure this out early on, by keeping a handy list to refer to including basic project setup, testing requirements, review and deployment processes, task tracking and documentation.

4. Gaining Technical Context: Gaining a high level overview of your project at the very beginning is invaluable because it not only allows you to gain a deeper understanding of the work that you'll be doing, but also allows you to feel more connected to your team and company in general.

5. Establish Expectations: In order to set yourself up for long term success, it's imperative that you establish a clear benchmark/criteria from the get go. If there isn't a clear one available, work with your manager to establish one. This allows you to be strategic with your career growth in general and also removes any vagueness surrounding what is expected of you and how your performance will be evaluated moving forward. Additionally, it offers you a greater sense of clarity in terms of what you're doing well and what could be improved upon.

6. Working in Distributed Teams and Maintaining a Work-Life Balance: When starting out your career, it's very easy to get caught up in your work, often leading to new employees working overtime. Initially, one might not be cognizant of this, but overtime, this can lead to extreme burn out and a

myriad of other issues. It's crucial to maintain a work-life balance, even more so now when a vast majority of people work from home and across a variety of timezones, and the separation between work and a life outside of work gets blurred. This includes turning off notifications, being diligent about not working on weekends, and using your paid time off.

Speakers



[Fatima Taj](#)

Software Engineer, Yelp

Fatima is a graduate from the University of Waterloo, Canada. Post graduation, she's worked full-time as a Software Developer at DRW, a trading firm and currently works at Yelp as a Software Engineer. Fatima is very passionate about supporting tech enthusiasts and has spoken at over... [Read More →](#)

Friday February 23, 2024 2:00pm - 2:25pm PST

PRO Stage A

DevExec Summit

- **Certificates** Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit
- **In-Person/Virtual** In Person

2:00pm PST

PRO TALK: Monorepos Unleashed: Empowering Developers for Faster Innovation

Matt Vaughn, build motion, Angular Architect

Unleash the power of monorepos to supercharge your development process in this deep dive session. Discover how monorepos enable seamless code sharing, streamline dependency management, and empower teams to iterate rapidly, giving you a competitive edge in software delivery.

Learn valuable insights, best practices, and tooling to maximize the benefits of monorepos. Explore how monorepos facilitate efficient code sharing and collaboration, fostering innovation and productivity. Gain practical techniques for managing dependencies and versioning, ensuring a smooth development workflow.

Real-world examples from successful organizations will illustrate how monorepos drive faster innovation and increased developer productivity. By understanding their strategies, you'll gain actionable insights applicable to your own projects.

Key Takeaways:

1. Enable efficient code sharing and collaboration within and across teams using monorepos, fostering an innovative culture.
2. Effectively manage dependencies and versioning in a monorepo environment, ensuring a reliable development workflow.

3. Gain inspiration and practical guidance from real-world examples of monorepo adoption, fueling faster innovation and productivity.

Unlock the true potential of monorepos to transform your development process, boost productivity, and accelerate innovation. Join us for this enlightening session and elevate your software engineering to new heights.

Speakers



[Matt Vaughn](#)

Angular Architect, Build Motion

Building web applications from VBScript/ASP (1998) to Angular 15 (2023).

Currently focused on Angular: applications, custom libraries, tools, development environment, and applying enterprise patterns and practices in the front end. Author of "Angular Architecture Patterns" book. Builder... [Read More →](#)

Friday February 23, 2024 2:00pm - 2:25pm PST

PRO Stage C

Frontend Conference

- **Certificates** JavaScript Certificate
- **Talk Type** PRO TALK
- **Track or Conference** JavaScript Conference, DevLead Conference, Frontend Conference
- **In-Person/Virtual** In Person

2:00pm PST

PRO TALK (ProductWorld): Role of Ethics in Product Led Growth

Rahul Agarwal, Hasura, Principal Product Manager

Ethical reasoning and the role of ethics are increasingly important in software and product development due to the onslaught of generative AI tools. This is primarily because of systemic problems with AI such as potential for bias, autonomy, privacy concerns, transparency, societal impact, and more. Addressing these ethical considerations is not only a moral imperative but also a strategic necessity for companies and organizations to build trust, comply with regulations, and create AI technologies that benefit society as a whole. The role of product management now becomes how to navigate this double edged sword and evolve a product led growth motion that is sustainable in the long term.

Speakers



Rahul Agarwal

Principal Product Manager, Hasura

Rahul is a principal technical product manager at Hasura, which is a leading cloud API and data integration platform providing instant APIs on data sources, and has a robust open source community across the globe. Rahul has led multiple products in the cloud and API Management industry... [Read More →](#)

Friday February 23, 2024 2:00pm - 2:25pm PST

[ProductWorld Main Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [Product Management Software & Innovation \(ProductWorld\)](#),
[ProductWorld, Product Teams: Managers & Developers & Designers UI/UX \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[Product Roundtable: Dmytro Savchenko, VP of Application Engineering, Kinesso](#)

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



Dmytro Savchenko

VP of Application Engineering, Kinesso

My name is Dmytro Savchenko, and I am the Vice President of Engineering at Kinesso, a leading AdTech company, as well as the author of the Thoughtful Edge podcast. I have dedicated my career to the field of technology and am proud to be a part of such a dynamic and innovative organization. My... [Read More →](#)

Friday February 23, 2024 2:00pm - 2:30pm PST

Roundtable Room

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), OPEN Talk, ProductWorld, Product Manager Roundtable Talks (ProductWorld)
- **In-Person/Virtual** In Person

2:00pm PST

OPEN TALK: Bring Order to Unstructured and Semi-structured Data

Jason Koo, Neo4j, Developer Advocate

Converting disorganized, messy data into structured or semi-structured data is a time-consuming and often colossal challenge needed before it can be used in applications.

Fortunately Large Language Models (LLMs) can quickly parse through unstructured data and be leveraged to bring order and identify relationships to otherwise disconnected content. We'll tame a chaotic dataset made up of tabular files, unstructured text, images, and audio transcriptions. While diverse in format, these data types share latent connections.

The end result is an accessible web of structured knowledge - readable by humans and machines alike!

Attendees will leave understanding how to:

- Import and preprocess various heterogeneous file formats using Langchain
 - Leverage LLMs to model entities and connections to create a Knowledge Graph in a Neo4j Graph Database
 - Preview various methods for retrieving desired information from a Knowledge Graph.
-

Speakers



Jason Koo

Developer Advocate, Neo4j

Mobile Developer turned Pythonista, Jason Koo is a Developer Advocate Manager at Neo4j who works with a small but mighty team of Advocates. He enjoys coding late into the night and then passing on his learnings to other developers online, at meetups, conferences, and the occasional... [Read More](#)



Friday February 23, 2024 2:00pm - 2:50pm PST

[OPEN Expo Discovery Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [AI & Machine Learning Conference](#), [Data Engineering Conference](#)
- **In-Person/Virtual** [In Person](#)

2:00pm PST

[OPEN TALK: Developer Focused Intelligent Software Security](#)

Andrew Cluttey, Veracode, Principal Solutions Architect

Developers are under greater pressure than ever to deliver secure business value quickly. Veracode will be able to enable developers to build applications that are secure from design-time to production, teach them how to fix and avoid security issues, as well as enabling them to find and automatically fix vulnerabilities in their code. Join our Peer-Connect to learn about how Veracode and its developer focused offerings can enable developers to create secure software for a safer world.

Speakers



Andrew Cluttey

Principal Solutions Architect, Veracode

Friday February 23, 2024 2:00pm - 2:50pm PST

[PeerConnect Lounge & Stage](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

2:15pm PST

[Sponsor Spotlight: Flatfile \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Find out how Flatfile can help you get data files in your systems more quickly, increasing the quality and usability of your data and reducing your software development and data cleanup costs.

Booth # 309

Sponsors



Flatfile

Flatfile

Flatfile, the pioneer of AI-assisted data exchange, provides companies and software development teams with the easiest, fastest and safest way to build the ideal data file import experience for their users. Hundreds of companies like AstraZeneca, Square and Sage rely on Flatfile's... [Read More →](#)

Friday February 23, 2024 2:15pm - 2:30pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

2:30pm PST

KEYNOTE (ProductWorld): Thoughtworks -- The AI Advantage: How to Leverage AI Tools to Build Better Products without Losing Your Edge

Ivana Ciric, Thoughtworks, Director of Product, Practice

AI is transforming how we work, offering unprecedented opportunities for enhancing productivity. However, this revolution brings its own share of challenges along with the benefits. We'll cover what you need to know about the impact of using AI tools on product builders, how to harness them to build better products, and how to maximize the potential of the emerging AI-human hybrid workforce.

Speakers



Ivana Ciric

Director of Product, Thoughtworks

As the Director of Product, Practice at Thoughtworks, Ivana is at the helm of product strategy and delivery across diverse industries including

Commodities, Automotive, Travel, and Consumer Electronics. Her skill in developing forward-thinking 0-1 software products, ranging from ML... [Read More →](#)

Friday February 23, 2024 2:30pm - 2:55pm PST

[ProductWorld Main Stage](#)

[5. KEYNOTES & FEATURED TALKS](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [ProductWorld, OPEN Talk, Product Management Software & Innovation \(ProductWorld\)](#), [Product Teams: Managers & Developers & Designers UI/UX \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

2:30pm PST

[PRO TALK: Open-Source Cloud-Native Authorization](#)

Omri Gazitt, Aserto, Co-founder & CEO

Every cloud-native application needs some form of authorization to secure access to protected resources. Unfortunately, only a limited few have the expertise and teams required to build authorization systems that avoid broken access vulnerabilities. In fact, the OWASP found an astonishing 318,000 instances of broken access vulnerabilities in their dataset, affecting 94% of the applications tested! To tackle this issue most applications start with role-based access control (RBAC), which ties permissions to users. But a zero-trust approach to application security requires us to go further. Following the principle of least privilege, applications need fine-grained access controls. With a fine-grained model, access rules can be defined on the application's resources, often down to individual items. In this talk, we review the open-source tools available to help you build a fine-grained authorization system. You'll learn how to extract authorization logic into a policy that is owned and managed by the security team using the Open Policy Agent (OPA), a CNCF graduated project that allows for the expression of policy as code. And how to secure the software supply chain of the policy itself with Open Policy Containers (OPCR), a CNCF sandbox project that

containerizes OPA policies so that they can be tagged, signed, versions and tested. We will also share a couple open-source projects that you can use today to add fine-grained authorization to your applications. These include implementations of Google's Zanzibar model, such as Topaz (www.topaz.sh) which lets you combine OPA policies with the Zanzibar data model.

Speakers



[Omri Gazitt](#)

Co-founder & CEO, Aserto

Omri is the co-founder/CEO of Aserto.com, an authorization startup, and his 3rd entrepreneurial venture. He spent the majority of his 30-year career working on developer & infrastructure tech, most recently as the CPO of Puppet. Previously he was the VP & GM of HP's Cloud Native Platform... [Read More →](#)

Friday February 23, 2024 2:30pm - 2:55pm PST

PRO Stage D

Cloud-Native Conference

- **Certificates** Security Certificate, Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference
- **In-Person/Virtual** In Person

2:30pm PST

OPEN TALK: Dev Building in the Headset Era

George Pang, Genies, Vice President of Engineering

What is changing when it comes to recruiting and building teams on engineering side as big tech shifts focus to headset and AR dev in 2024

Speakers



George Pang

Vice President of Engineering, Genies

George Pang is currently Vice President of Engineering at [Genies](#), where he oversees all of the company's engineering efforts with a particular focus on the [Developer Kit](#) and LLM. His influential career journey, which spans over two decades, crosses an extremely wide breadth of technology including fintech, mobile games, social media, hardware, fashion tech, high scale printing, and user generated content. One highlight role was in leading engine... [Read More →](#)

Friday February 23, 2024 2:30pm - 2:55pm PST

[DeveloperWeek Main Stage](#)

[Dev Innovation Conference](#)

- **Talk Type** OPEN Talk
- **Track or Conference** Dev Innovation Conference
- **In-Person/Virtual** In Person

2:30pm PST

[PRO TALK: Purpose Driven Development](#)

Keshav Prasad Kuruva, Autodesk, Director of Engineering

Building Products and Software to customers with a purpose driven approach generates successful outcomes and generates exceptional value to both the customers and the organizations building it. In this session, I would love to share my insights and values that motivate and inspire every leader, developer and teams to drive future development with values that are purpose driven.

Speakers



Keshav Prasad Kuruva

Director of Engineering, Autodesk

Experienced Engineering Leader with 15+ years of experience in creating and building high performing engineering teams, creating opportunities and growth for people, and building innovation and value streams for the organization. Experience in managing and driving growth across lean... [Read More →](#)

Friday February 23, 2024 2:30pm - 2:55pm PST

[PRO Stage A](#)

[DevLead Conference](#)

- **Certificates** [Dev Leadership Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevExec Summit, DevLead Conference](#)
- **In-Person/Virtual** [In Person](#)

2:30pm PST

[OPEN TALK : Hackathon Top 5 Teams Live Demo](#)

Friday February 23, 2024 2:30pm - 3:00pm PST

[OPEN Expo Innovation Stage](#)

4. Hackathon

- **Talk Type** OPEN Talk
- **In-Person/Virtual** In Person

2:30pm PST

Dev Roundtable: Alain Chautard, Google Developer Expert in Angular / Web, Angular Training

Dev Roundtables / Product Roundtables give attendees the opportunity to meet in small groups with DeveloperWeek + ProductWorld speakers and industry leaders to discuss real-world topics relevant to you. These open roundtables are working sessions for in-depth industry conversations.

Speakers



[Alain Chautard](#)

Google Developer Expert in Angular / Web, Angular Training

Alain is a Google Developer Expert in Web Technologies / Angular. He started working with Angular JS in 2011. Since then he has worked with all Angular versions on a daily basis, both as a developer and as a technical trainer. He is the organizer of the Google Developer Group chapter... [Read More →](#)

Friday February 23, 2024 2:30pm - 3:00pm PST

Roundtable Room

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Frontend Conference](#)
- **In-Person/Virtual** [In Person](#)

2:30pm PST

[Popcorn Networking Break](#)

Join us for networking & popcorn in the Networking Lounge on the Expo Hall Floor!

Friday February 23, 2024 2:30pm - 3:30pm PST

[Expo Hall -- Exhibit Hall West](#)

[2. Experiences & Official Events](#)

- **Talk Type** [OPEN Talk](#), [PRO TALK](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[PRO TALK \(ProductWorld\): Revitalizing Mature and Legacy Products](#)

Sam Bradley, PayPal, Director of Product Management, In-App Payments

A talk built around how PMs can approach rethinking legacy or established products in order to bring new growth and experiences to users. I have led turnarounds of products at Expedia and now PayPal and will walk through the

discovery work, how to identify if your product has reached a local max, and how to rethink about investing in the product experience. I'll focus the talk on leading the revitalization o

Speakers



Sam Bradley

Director of Product Management, In-App Payments, PayPal

Sam is passionate about solving customer problems through storytelling and empowering product managers to build scalable, design-led products. He is currently a Director of Product Management at PayPal, and leads in-app payment products, including peer-to-peer payments and in-store... [Read More →](#)

Friday February 23, 2024 3:00pm - 3:00pm PST

[OPEN Expo Discovery Stage](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** [ProductWorld](#), [Product Lifecycle & Case Studies \(ProductWorld\)](#), [Product Teams: Managers & Developers & Designers UI/UX \(ProductWorld\)](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[Sponsor Spotlight: Fluree \(Live Raffle/Giveaway\)](#)

We'll allow attendees to register for our raffle at anytime Thursday and Friday. During our spotlight on Friday, we'll draw two winners.

Booth # 706

Sponsors



Fluree

Fluree is a data management company offering organizations a path to managing data more strategically. Fluree provides the infrastructure for trusted, linked data collaboration. Fluree's flagship product is an open-source graph database that uses ledger DBMS capabilities for cryptographically-verifiable... [Read More →](#)

Friday February 23, 2024 3:00pm - 3:15pm PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[KEYNOTE: Veracode -- Not so fast - Consider the Security Implications of AI Coding](#)

Brian Roche, Veracode, Chief Product Officer

AI coding is here, and it's transforming how we create software plus boosting developer productivity, according to Github by 55%. However, just because we can use AI in coding it doesn't mean we should - at least not without

considering the potential risks and unintended consequences.

When used responsibly, AI can help solve the greatest obstacle to successful software security programs: the imbalance that exists between the effort developers spend finding flaws and the time to fix them. But when developers rush to jump on the craze, AI can do more harm than good as it's only as good as the data on which it's trained.

In this Best Practices Session, Brian Roche, Chief Product Officer at Veracode, discusses the security implications of AI-assisted coding, the role AI should play in how we both create and secure our software, and the cybersecurity skills you should build into your emerging AI tech stack.

Speakers



Brian Roche

Chief Product Officer, Veracode

Brian Roche, CPO, leads our Product Strategy, Product Management, Engineering and Operations. With more than 20 years in engineering leadership roles, Brian brings a wealth of experience in leading agile organizations, implementing DevSecOps, and delivering SaaS-based solutions with... [Read More →](#)

Friday February 23, 2024 3:00pm - 3:25pm PST

DeveloperWeek Main Stage

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference
- **In-Person/Virtual** In Person

3:00pm PST

PRO TALK: Wildest Dreams of Making Profit on Open Source

Irina Nazarova, Evil Martians, CEO

Open source is amazing – for decades, it's been the driver of tech industry creativity and growth. But as long as our food, devices, and homes are not similarly open and free, this creativity needs to be rewarded monetarily, too.

Commercialized open source has effectively supported authors while also maintaining the benefits that open principles have on the industry. By obtaining an adequate share of the value we create, we'll be able to work on industry-changing projects we're passionate about for years to come.

Yet, achieving success in this domain is not without its challenges. We must be willing to learn, experiment, and overcome obstacles along the way. In this talk, I will unveil my insights on navigating this journey.

Speakers



Irina Nazarova

CEO, Evil Martians

Some people have a clear destiny, some don't. During the first 30 years of my life, I founded two startups, earned degrees in CS and Data Analysis, and embraced a range of occupations: from being a C++ engineer and investment bank research analyst to a studio photographer, product... [Read More →](#)

Friday February 23, 2024 3:00pm - 3:25pm PST

[PRO Stage A](#)

[DevExec Summit](#)

- **Certificates** [Dev Leadership Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [DevExec Summit](#)
- **In-Person/Virtual** [In Person](#)

3:00pm PST

[PRO TALK: The Top 5 JavaScript Issues in All Our Codebases](#)

Phil Nash, Sonar, Developer Advocate

We all try to write the best code we can, but sometimes things slip through the cracks. With a look at the data from scans of thousands of projects, we can tell what the most common issues are in the codebases of all JavaScript developers.

In this talk we'll take a look at those top issues that plague JavaScript projects around the world, we'll see why they are issues, and finally how to spot and avoid those common errors, issues or anti patterns. By the end of the talk you'll feel more confident in your codebase and maybe have a few things to fix.

Speakers



Phil Nash

Developer advocate, Sonar

Phil is a developer advocate for Sonar and Google Developer Expert. He's been in the web industry for 10 years building with JavaScript and Ruby. He can be found hanging out at meetups and conferences, playing with new technologies and APIs or writing open source code online. Sometimes...

[Read More →](#)

Friday February 23, 2024 3:00pm - 3:25pm PST

[PRO Stage C](#)

[Frontend Conference](#)

- **Certificates** [JavaScript Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** JavaScript Conference, Frontend Conference
- **In-Person/Virtual** In Person

3:00pm PST

PRO TALK (ProductWorld): Balancing Inputs for Your Product

Sachin Agarwal, Google Cloud, Group Product Manager

It's easy for an established product to just focus on feature requests from existing customers. But when you do so, you end up reducing your addressable market and allow yourself to become more exposed to new competitors. We will talk about putting feature request and support issues in a broader context to make better product prioritization decisions.

Speakers



[Sachin Agarwal](#)

Group Product Manager, Google Cloud

Sachin is a product leader with experience leading a wide variety of products at major enterprise tech companies, including IBM, Oracle, and SAP. At Google Cloud, Sachin is a leader on Google Cloud's Data Analytics team, where he focuses on delivering features and solutions across... [Read More →](#)

Friday February 23, 2024 3:00pm - 3:25pm PST

ProductWorld Main Stage

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, Product Management Software & Innovation (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** In Person

3:30pm PST

OPEN TALK: Closing Remarks + Hackathon Winners + Raffle Winners

Friday February 23, 2024 3:30pm - 3:45pm PST

DeveloperWeek Main Stage

4. Hackathon

- **Talk Type** OPEN Talk
- **In-Person/Virtual** In Person

4:00pm PST

Dev AfterHours -- Closing Party & Networking

Dev AfterHours @ DeveloperWeek 2024!

District - 827 Washington St, Oakland, CA 94607

Wrap up DeveloperWeek at District -- come and network with other attendees at the Closing Party!

Friday February 23, 2024 4:00pm - 6:00pm PST

District Oakland 827 Washington St, Oakland, CA 94607

2. Experiences & Official Events

- **Talk Type** OPEN Talk, PRO TALK
- **In-Person/Virtual** In Person

Tuesday, February 27

9:00am PST

[Virtual] PRO WORKSHOP: Collaborative Creation: How We Built an API Ecosystem Hand-in-Hand with Developers

Hamza Habeeb, Adobe, Senior Developer Advocate

Imagine a journey where developers and a tech giant join forces to shape a thriving API ecosystem. In this captivating session, Hamza Habeeb, Adobe's developer relations expert, will take you on an adventure through the intricate process of building a robust API framework, all while fostering a strong partnership with the developer community.

Our story begins with the nurturing of a vibrant developer community, providing grants to ignite passion, and attracting enthusiastic participants. We'll share the excitement of venturing into beta testing, actively involving developers, and the triumphant moment of launching our developer add-on marketplace.

But our story doesn't end there. Discover how we embarked on a continuous journey of improvement, guided by invaluable user feedback. We'll unveil the development of essential features like 'sharable links', moments that changed our teams direction, and share our experiences in enhancing the developer experience.

And upon our launch, the vibrant world of add-ons, powered by these APIs, found its way into the hands of countless Express users worldwide. This not only extended the creative horizons of users but also provided a new avenue for developers to connect with an ever-expanding audience.

Our journey of creating the thriving Express developer ecosystem has indeed come full circle, and we're thrilled to guide you through every step of this remarkable odyssey.

This session extends a warm invitation to immerse yourself in a realm where strategies, challenges, and triumphs seamlessly interweave. Whether you're

an API strategist, a developer, or simply curious about the art of forging robust developer partnerships, our story is sure to ignite your inspiration and equip you with tangible insights to script your own tale of triumph.

Speakers



Hamza Habeeb

Senior Developer Advocate, Adobe

Meet Hamza, Adobe Express' friendly face with over 8 years in developer relations. As an advocate, he runs hackathons and workshops, championing innovation while ensuring developers' voices are heard. A seasoned speaker at events like DevRelCon London and NASA's JPL, Hamza loves teaching...

[Read More →](#)

Tuesday February 27, 2024 9:00am - 9:50am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

9:00am PST

[Virtual] PRO WORKSHOP: A Developer Self-Service Experience for Edge and IoT Come True

Amy Simonson, Avassa, Marketing Manager

Carl Moberg, Avassa, CTO and co-founder

Enough manual actions. Enough slow handovers. And enough K8mplexity.

For many innovative enterprises today, the journey to the centralized cloud has shaped the way of working when it comes to container orchestration and observability. Now, developers and IT teams are increasingly also managing containers at the distributed on-site edge and in IoT environments, which risk becoming a mind-boggling task due to the resource-constrained, distant nature of IoT and edge.

In this session, we address the challenges related to deploying, monitoring,

observing, and securing container applications at the edge. We also present hands-on examples of what a self-service developer experience can look like for the container applications at the distributed edge and IoT infrastructure. It's automated, it's application-centric and it's astonishingly easy.

Speakers



[Carl Moberg](#)

CTO and co-founder, Avassa

Carl has spent many years solving for automation and orchestration. He started building customer service platforms for ISPs back when people used dial-up for their online activities. He then moved on to focus on making multi-vendor networks programmable through model-driven architectures... [Read More →](#)



[Amy Simonson](#)

Marketing Manager, Avassa

Amy is an experienced marketing professional who thrives right in the intersection between deep tech and marketing. She is currently the marketing manager of Swedish Edge Platform provider Avassa, who are set out to make the distributed on-site edge delightfully easy to manage. Amy...

[Read More →](#)

Tuesday February 27, 2024 9:00am - 9:50am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

9:00am PST

[Virtual] PRO WORKSHOP: Supercharging Performance Testing: Bridging the Gap Between Backend and Frontend with k6

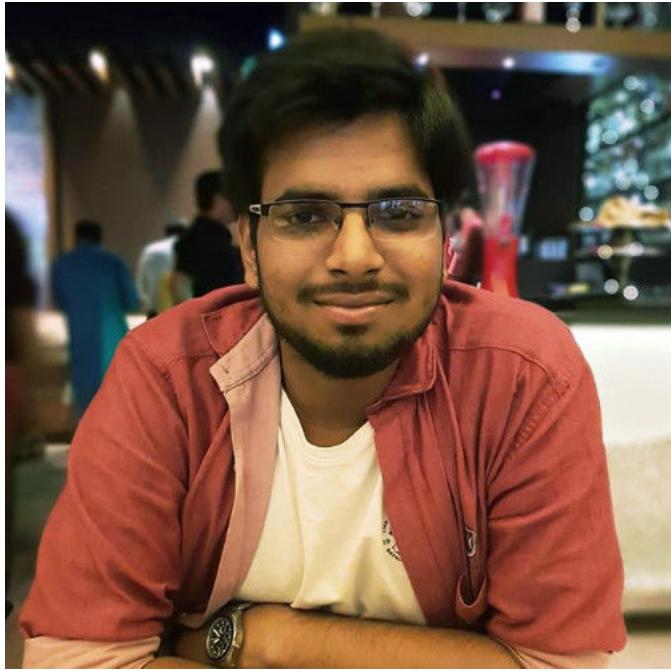
Ayush Goyal, Grafana Labs, Senior Software Engineer

A very key aspect of software engineering is ensuring your application performs optimally under heavy load. In this talk, the speaker will introduce k6, an open-source tool that integrates protocol-based load testing and browser testing.

The talk will start off by introducing the audience to the basics of protocol-based load testing and how it can empower developers to assess the resilience and scalability of backend systems. Next, we'll dive deep into the nitty gritty of k6, learning how it can enable us to simulate real-world user scenarios and uncover bottlenecks. After that, we will see how k6 provides valuable insights about an application under heavy load and how it can bring backend and frontend performance evaluations together.

By the end of this session, the audience will be armed with the knowledge and tools needed to supercharge your performance testing strategy, ensuring that applications not only withs

Speakers



Ayush Goyal

Senior Software Engineer, Grafana Labs

Ayush is a Senior Software Engineer at Grafana Labs. Previously, he was working at Postman and before that, he was the CTO at Anveshan and earlier an SWE at Rippling. He is passionate about building software and also tinkers around with hardware at times. He is also a certified scuba... [Read More →](#)

Tuesday February 27, 2024 9:00am - 9:50am PST

[VIRTUAL PRO Stage D](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Data Engineering Conference](#)

- **Certificates** DevOps Certificate, Data Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** DevOps Summit, VIRTUAL, Data Engineering Conference
- **In-Person/Virtual** [Virtual](#)

9:00am PST

[Virtual] PRO WORKSHOP: Dynamic Cost Modeling in the Cloud: Strategies for Optimal Cloud Management and Financial Success

Michiel Hamers, Ordina, Cloud solution Lead & Codesmith
Twan Koot, Ordina, Principal Expert Microsoft Azure & Codesmith

We'll explore the ever-changing landscape of cloud costs and present adaptive techniques to model these costs effectively. Learn how to marry technical requirements with financial goals to achieve a balanced, optimized cloud environment.

Speakers



[Michiel Hamers](#)

Cloud solution Lead & Codesmith, Ordina

Hi, my name is Michiel Hamers, 44 years old, and from The Netherlands. I am a (Azure) cloud specialist and I like to work on complex applications in the cloud. Some statistics:- 2002 Microsoft Certified Professional- 2021 Microsoft Certified Trainer.- 2023 Microsoft Most Valuable ProfessionalAs... [Read More](#)





[Twan Koot](#)

Principal Expert Microsoft Azure & Codesmith, Ordina

Hi! My name is Twan Koot and I'm 30 years old from The Netherlands. I'm a Principal Expert who's passion lies in creating and improving Cloud solutions to achieve high performing applications. I believe in a no nonsense testing approach in which quality should be number one. Apart... [Read More →](#)

Tuesday February 27, 2024 9:00am - 9:50am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevExec Summit

- **Certificates** DevOps Certificate, Dev Leadership Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** DevExec Summit, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

9:00am PST

[Virtual] PRO WORKSHOP (ProductWorld): Making the Most of Failed Products: Pivoting Your Roadmap and Goals when Things Don't Go as Planned

Lindsay Harman, SiriusXM, Senior Product Manager

Most professionals have worked on something that never ended up going live, or failed once it launched, which can be demoralizing and often lead to the mindset of "we wasted time". In this workshop, participants will learn to assess why something didn't launch or failed after launching, what they still have control over, and how to repurpose and learn from work already completed. After the learning portion, participants will, in small groups, put themselves in the shoes of product leaders for hypothetical products that hit some sort of failure or changing market conditions. Using what they learned, they'll propose a pivot for the product and business and set new goals to move forward. This is an especially important skill to have as many PMs are facing changing market conditions and customer needs, as well as company resourcing, which can affect their roadmaps.

There are 3 learning outcomes:

- Identify why a product or product launch failed
- Identify what you can control in moving forward
- Develop a new roadmap and strategy, reusing as much previously completed work as makes sense

Speakers



Lindsay Harman

Senior Product Manager, SiriusXM

A design-minded systems thinker, currently working at SiriusXM Pandora, a communications platform company. She has also worked across fintech, automotive, and consumer electronics. Lindsay holds a B.A. in Linguistics from Wayne State University in Detroit, MI.

Tuesday February 27, 2024 9:00am - 9:50am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** ProductWorld, VIRTUAL, Product Manager Roundtable Talks (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual

9:00am PST

DeveloperWeek Certificate Program

<https://www.developerweek.com/certificates/>

Tuesday February 27, 2024 9:00am - 3:00pm PST

2. Experiences & Official Events

- **Talk Type** PRO WORKSHOP
- **In-Person/Virtual** Virtual

9:00am PST

[Virtual] PRO Workshop Day: DeveloperWeek + ProductWorld 2024

PREMIUM & PRO Pass holders: Join us for [Virtual] PRO Workshop Day @ DeveloperWeek 2024 (+ ProductWorld 2024)

REMINDER:

- **Tues, Feb 27** is PRO Workshop Day and is available ONLY to the following pass types: PREMIUM, PRO, SPEAKER PRO, SPONSOR PRO, EXHIBITOR, and MEDIA. See the full Workshop day schedule here: <https://www.developerweek.com/conference/workshops/>
- **OPEN Passes** have access to DeveloperWeek 2024 only on **Wed & Thur, Feb 28-29** to all 20+ Keynotes, 130+ OPEN Talks, and the 2-day virtual Expo with 90+ exhibiting partners, games & swag challenges.

Tuesday February 27, 2024 9:00am - 3:00pm PST

2. Experiences & Official Events

- **Talk Type** PRO WORKSHOP
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] PRO WORKSHOP: Event-Driven Architecture: Empowering Real-time Responsiveness with Event Consumers

Ojus Save, Zoom, Lead Developer Advocate

In today's fast-paced digital ecosystem, real-time responsiveness and adaptability are not just advantageous but essential for survival and growth. Event-Driven Architecture (EDA) emerges as a potent solution, enabling organizations to react to business events in real-time, ensuring seamless operations, and delivering superior user experiences. Central to EDA is the concept of Event Consumers, which process and react to event notifications. This session will delve into the intricacies of Event Consumers within an EDA, illustrating how they can be leveraged to create highly responsive, scalable, and resilient systems.

Speakers



Ojus Save

Lead Developer Advocate, Zoom

Ojus Milind Save is a Developer Advocate for the Zoom Platform since February of 2019. Ojus has a 7+ years of experience working in Developer Relations and Advocacy. He received his Masters Degree in Computer Science from Lamar University, Texas in 2016 and has worked with the Dialogflow... [Read More →](#)

Tuesday February 27, 2024 10:00am - 10:50am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Certificates** [Data Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference, Data Engineering Conference, VIRTUAL

- **In-Person/Virtual** [Virtual](#)

10:00am PST

[Virtual] PRO WORKSHOP: Feature Flags: How to Ship Faster, Safer, and Smarter

Dinesh Arora, Wells Fargo, Principal Engineer

Feature flags are a powerful tool that can help software teams ship faster, safer, and smarter. In this session, you will learn what feature flags are, how to use them effectively, and the many benefits they offer. We will cover topics such as:

- What are feature flags and how do they work?
- The benefits of using feature flags
- How to implement feature flags in your software development process
(Short demo using FF4J/Togglz)
- Best practices for using feature flags
- Case studies of how companies are using feature flags to achieve success

Who is this session for?

This session is for anyone who wants to learn more about feature flags and how to use them to improve their software development process.

Target audience:

- C-Suite executive
- Product owners
- DevOps/ Developers
- Architects

Speakers



Dinesh Arora

Principal Engineer, Engineering strategy, Wells Fargo

Dinesh Arora is a Principal engineer at Wells Fargo. He is part of Engineering Strategy , where he is responsible for developing and executing the engineering strategy for the company's digital transformation. He has over 18 years of experience in the tech industry. Dinesh is passionate... [Read More](#)



Tuesday February 27, 2024 10:00am - 10:50am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] PRO WORKSHOP: Kubernetes Essentials

Rey Lejano, Red Hat, Kubernetes Field Engineer

Kubernetes is hard! This Kubernetes Essentials tutorial reviews the architecture, requirements, and history of Kubernetes. Including the installation, setup, and use of upstream Kubernetes along with requirements such as a Container Runtime Interface (CRI) compliant container runtime such as containerd, a Container Network Interface (CNI) plugin to implement the Kubernetes network model such as Cilium, etcd to store all Kubernetes cluster data, and Helm the Kubernetes package manager to deploy an application.

Speakers



Rey Lejano

Solutions Architect, Red Hat

Rey Lejano is Solutions Architect at Red Hat and currently serves as co-chair for Kubernetes Special Interest Group (SIG) Docs and helps maintain the upstream Kubernetes documentation. Rey leads the Kubernetes SIG Security Third-Party Security Audit subproject and helped release the... [Read More →](#)

Tuesday February 27, 2024 10:00am - 10:50am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] PRO WORKSHOP: Moving from Spaghetti Infrastructure to Composable Cloud Environments

Kief Morris, Thoughtworks, Infra Engineering Principal

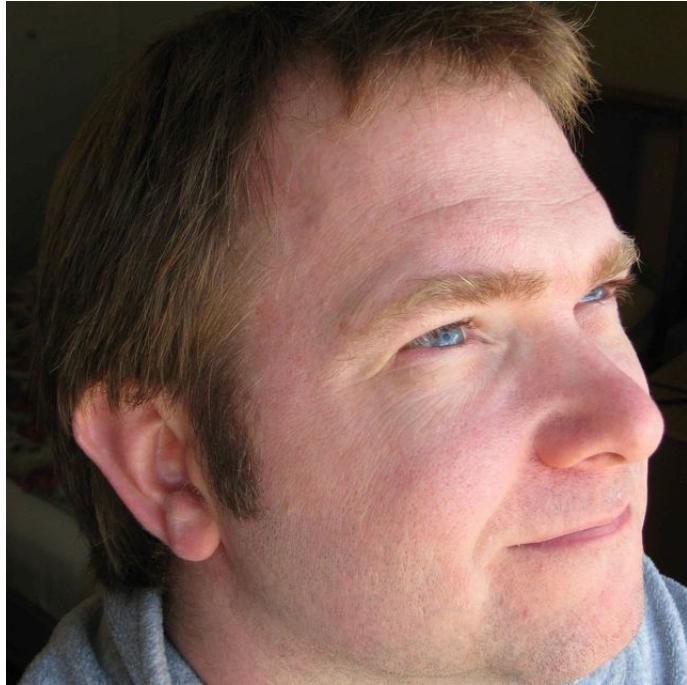
Running software in the cloud should help a digital business respond quickly to its customers needs and to business opportunities. The reality is that, even using Infrastructure as Code automation tools like Terraform and CDK, infrastructure and platform teams are stuck maintaining a fragile mess of custom scripts and environments, and find themselves as an overworked bottleneck rather than an enabler for value.

It's time we moved beyond spaghetti infrastructure architectures.

Kief Morris, the author of the O'Reilly book Infrastructure as Code and Thoughtworks global lead for infrastructure engineering practices, shares architectural patterns for infrastructure as code architecture, driven by three principles. The first principle is delivering infrastructure code as loosely coupled, composable components to share capabilities. The second is

application-driven provisioning to empower product teams to deliver value. The third is distributed consistency to ensure governance and operational quality.

Speakers



Kief Morris

Infra Engineering Principal, ThoughtWorks

Kief Morris is an Infrastructure Engineering Principal at ThoughtWorks, based in London. He works with various organizations and teams looking to improve how they use infrastructure automation tools and practices. Kief wrote the O'Reilly book "Infrastructure as Code" (<http://orei...> [Read More →](#)

Tuesday February 27, 2024 10:00am - 10:50am PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Certificates** [Cloud Management Certificate](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] PRO WORKSHOP (ProductWorld): A RADICL Sprint: Getting Product Alignment in Just One Day

Matt Schraan, Livefront, VP of Product Management

Jack Cunningham, Livefront, Director of Product Management

Patrick Riley, RADICL, Co-founder

Bria Knorr, RADICL, Head of Global Product

The early stages of bringing a new digital product to market are energizing, thrilling, challenging - and fraught with the risk of untested assumptions. Whether you are a startup, a product team, or an innovation team - all are equally susceptible to the perils of making big product investments with unvetted concepts.

To further complicate things, time is of the essence for most product teams striving to bring a new innovation to market. So how can you balance the need to thoroughly validate your product hypothesis with your imperative for speed? It's easier than you may think. In fact, you can build a solid foundation for generating a concept and forming a plan to test it in a single day!

In this session, we'll follow the story of the veteran entrepreneurs at RADICL, an active Minnesota startup creating a platform that empowers and inspires people and teams to achieve epic work - whatever and wherever that may be for them - by creating awareness, delivering insights, guiding possibilities, and giving them a voice in driving organizational success.

Partnering with RADICL along its journey is Livefront, a digital product studio focused on helping companies grow by building products people love.

We'll show highlights and take you "inside the room" from a recent discovery workshop completed in partnership between RADICL and Livefront, we'll share practical tips for how you can facilitate your own one-day discovery workshop, and we'd love to answer your questions along the way.

Speakers



Jack Cunningham

Director of Product Management, Livefront

As a digital product leader, Jack Cunningham excels in merging entrepreneurial thinking with omni-channel strategies. His deep expertise in native mobile, web, and CTV platforms has established him as a thought leader in the digital domain. His work is a blend of strategic insights... [Read More →](#)



Matt Schraan

VP of Product Management, Livefront

Matt Schraan leads Product Management at Livefront, where he focuses on helping organizations transform and unlock growth through product-led strategies. During his time at Livefront, Matt has taken great pride in establishing a product management practice comprised of curious, tenacious... [Read More →](#)



[Patrick Riley](#)
Co-founder, RADICL

Patrick is a veteran work technology entrepreneur, feature film producer, and investor. He is the co-founder of RADICL, a software company unlocking epic work experiences for everyone. Patrick was the CEO and co-founder of Modern Survey, an industry-leading employee engagement and... [Read More →](#)



[Bria Knorr](#)
Head of Global Product, RADICL

Bria Knorr is a product and technology leader passionate about building great enterprise software and driving individuals and organizations to learn, grow, and achieve sustainable success. She approaches her work with curiosity and the belief that great product opportunities are everywhere...

[Read More →](#)

Tuesday February 27, 2024 10:00am - 10:50am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [ProductWorld](#), [VIRTUAL](#), Methodology: Agile/Rapid Prototyping/SCRUM ([ProductWorld](#)), Product Lifecycle & Case Studies ([ProductWorld](#))
- **In-Person/Virtual** [Virtual](#)

11:00am PST

[PRO WORKSHOP \(ProductWorld\): Design Thinking for Developers: Building Intuitive and User-Centric Apps](#)

Pooja Ray Chaudhuri, TikTok, Software Engineer

Design is not the sole responsibility of designers, we as software developers need to focus on design thinking. This will bridge the gap making software applications not only functional but also user-centric and intuitive.

Speakers



Pooja Ray Chaudhuri
Software Engineer, TikTok
I love code and coffee

Tuesday February 27, 2024 11:00am - 11:50am PST

[VIRTUAL ProductWorld Main Stage](https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>
[Data Engineering Conference](#)

- **Certificates** Product Certificate, JavaScript Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** JavaScript Conference, ProductWorld, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual

11:00am PST

[Virtual] PRO WORKSHOP: OpenTelemetry and Continuous Feedback - Things You Need to Know About Your Code at Runtime

Roni Dover, digma.ai, Product developer

What do you know about the code changes that were just introduced into the codebase? When will you start noticing if something goes wrong? If there are so many accessible observability sources that can tell us what the code is doing, why are we using so little of that in our day-to-day coding?

Continuous Feedback is a new dev practice that aims to make practical usage of code runtime data to shorten the feedback loop during development. It enables developers to get early data about their code changes and detect issues and regressions as-they-code. At the same time, collecting data from multiple environments, allows developers to instantly understand how their code is performing in the real world.

In this session, we'll look past the novelty of using OSS observability tools and technologies, to discuss how we can actually make them useful for developers. We'll take a look at the benefits of enabling OpenTelemetry collection for dev and test data and examine OSS tools to help analyze the application runtime. Throughout the talk, we'll go over code examples of common anti-patterns, code smells, hidden errors, and other types of problems that observability can reveal - prior to merging a PR,

Ultimately, the goal should not be simply observing the application or creating nice-looking dashboards. Rather, success is in leveraging observability data in order to achieve a more effective dev process and write better code.

Speakers



Roni Dover

Product developer, Infovore

Holistic developer and builder with a passion for development processes and practices. Afflicted by an acute Product Manager/Developer split personality disorder that was never treated. Currently, CTO and co-founder of Digma (digma.ai), an IDE plugin for code runtime AI analysis to... [Read More →](#)

Tuesday February 27, 2024 11:00am - 11:50am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevLead Conference

- **Certificates** [Data Certificate](#), [Dev Leadership Certificate](#)
- **Talk Type** PRO WORKSHOP
- **Track or Conference** DevLead Conference, VIRTUAL, Data Engineering Conference
- **In-Person/Virtual** [Virtual](#)

11:00am PST

[Virtual] PRO WORKSHOP: Practical Introduction to OpenTelemetry Tracing

Nicolas Fränkel, Apache APISIX, Developer Advocate

Tracking a request's flow across different components in distributed systems is essential. With the rise of microservices, their importance has risen to critical levels. Some proprietary tools for tracking have been used already: Jaeger and Zipkin naturally come to mind.

Observability is built on three pillars: logging, metrics, and tracing. OpenTelemetry is a joint effort to bring an open standard to them. Jaeger and Zipkin joined the effort so that they are now OpenTelemetry compatible.

In this talk, I'll describe the above in more detail and showcase a (simple) use case to demo how you could benefit from OpenTelemetry in your distributed architecture.

Speakers



Nicolas Fränkel

Developer Advocate, Apache APISIX

Developer Advocate with 15+ years experience consulting for many different customers, in a wide range of contexts (such as telecoms, banking, insurances, large retail and public sector). Usually working on Java/Java EE and Spring technologies, but with focused interests like Rich... [Read More →](#)

Tuesday February 27, 2024 11:00am - 11:50am PST

[VIRTUAL PRO Stage D](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[DevOps Summit](#)

- **Certificates** [DevOps Certificate](#), [Dev Leadership Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [DevOps Summit](#), [DevExec Summit](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

12:00pm PST

[Virtual] [PRO WORKSHOP: Generative AI for Mainframe Application Modernization](#)

Rich Larin, IBM, Product Lead, IBM watsonx Code Assistant for Z

Some of the most mission-critical workloads in the world are running on mainframes and are written in COBOL. Now with generative AI, there is a brand new solution to assist developers to modernize these applications.

Recently IBM announced IBM watsonx Code Assistant for Z to accelerate mainframe application modernization using generative AI and automation. Come to this session to learn and see this strategic innovation: an end-to-end AI assisted application modernization experience for a z/OS application, leveraging COBOL to Java conversion capabilities. In this session we will provide a product technical overview, demonstration, and developer implementation patterns.

For more information - see the recent press release:

<https://newsroom.ibm.com/2023-08-22-IBM-Unveils-watsonx-Generative-AI-Capabilities-to-Accelerate-Mainframe-Application-Modernization>

Speakers



[Rich Larin](#)

Product Lead, IBM Watsonx Code Assistant for Z, IBM

Rich leads product management for IBM's AI-assisted mainframe application modernization capability: Watsonx Code Assistant for Z. In this role, Rich works with IBMers, customers, and ecosystem partners, to develop and deliver a roadmap of generative AI use cases for mainframe application... [Read More](#)



Tuesday February 27, 2024 12:00pm - 12:50pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[AI & Machine Learning Conference](#)

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [AI & Machine Learning Conference](#), [VIRTUAL](#), [Enterprise Summit](#)

- **In-Person/Virtual** [Virtual](#)

12:00pm PST

[Virtual] PRO WORKSHOP: Building Secure Infrastructure: What Developers Need to Know About IAC

Mike McCabe, Cloud Security Partners, President

This workshop will focus on teaching developers how to build secure infrastructure with Terraform by utilizing free and open-source tools. We'll cover the common uses of Terraform and how a malicious actor could abuse Terraform and even bypass security controls to execute unapproved code. We'll discuss ways development teams can harden their Terraform or other IAC pipelines to ensure that infrastructure is secure.

The talk will focus on research done on Terraform implementations and ways to harden deployments. The talk will cover how Terraform works, how common Terraform security controls are applied, and multiple ways to bypass them and gain further access to environments.

Speakers



[Mike McCabe](#)

President, Cloud Security Partners

Michael McCabe is the president of Cloud Security Partners. Michael helps clients migrate their workloads to the cloud in a secure and managed way. He's worked with large financials during their cloud migrations and transformations. He focuses on creating secure and approachable solutions...

[Read More →](#)

Tuesday February 27, 2024 12:00pm - 12:50pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Certificates** Cloud Management Certificate, Security Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

12:00pm PST

[Virtual] PRO WORKSHOP: What Is Ambient Mesh and What Does It Do?

Peter Jausovec, Solo.io, Platform advocate

Istio service mesh deployment architecture is based on sidecar proxies that live next to each application instance. Recently, a sidecar-less mode called Ambient Mesh has been introduced to Istio. In Ambient mesh, the original sidecar proxy networking concerns are split into two components: a per-node proxy called ztunnel that handles all your Layer4 concerns and a waypoint proxy addressing all Layer7 concerns (if needed).

In this session, I'll explain the building blocks of the ambient mesh and how it works. We'll look into how to bring workloads into the ambient mesh, apply policies, and how the sidecar and sidecar-less modes work together.

Speakers



Peter Jausovec

Platform advocate, Solo.io

Peter Jausovec is a platform advocate at Solo.io. He has over 15 years of experience in software development and tech in various roles such as QA (test), software engineering, and leading tech teams. He's been working in the cloud-native space for the past couple of years and delivering... [Read More →](#)

Tuesday February 27, 2024 12:00pm - 12:50pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Cloud-Native Conference

- **Certificates** DevOps Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

12:00pm PST

[Virtual] PRO WORKSHOP: Writing Python Codemods for Fun and Profit

Daniel D'Avella, Pixee, Principal Engineer

Are you a developer keen on improving code quality, or perhaps a security expert interested in plugging vulnerabilities? Maybe you're just tired of repetitive code updates and fixes? Enter Python Codemods: a powerful tool for automatically improving and hardening your code. In this talk, you'll learn about the Codemodder framework that is designed to not only improve code quality but also enforce security standards. Whether you're a developer keen on improving your code or a security professional looking to fortify codebases, this talk will arm you with the knowledge you need to use Python codemods effectively and even to write your own.

Speakers



Dan D'Avella

Principal Engineer, Pixee

Dan is a polyglot developer who out of both love and necessity has spent a lot of time writing Python code. He has extensive experience developing security tools. Dan is passionate about empowering developers to write cleaner, safer code.

Tuesday February 27, 2024 12:00pm - 12:50pm PST

[VIRTUAL PRO Stage C](https://app.events.ringcentral.com/events/developerweek-2024/sessions) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Frontend Conference](#)

- **Certificates** Data Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Security Summit, Dev Innovation Conference, VIRTUAL, Data Engineering Conference
- **In-Person/Virtual** Virtual

12:00pm PST

[Virtual] PRO WORKSHOP (ProductWorld): Building and Maintaining Actionable Multi-team Plans

Justin Meyer, Bitovi, CEO

Learn how to master building, maintaining, and reporting actionable and accurate plans. This training covers patterns and processes Fortune 500 companies, like Yum, have used to effectively steer projects and deliver outstanding results.

The "Build" segment explores how to take nascent ideas, develop them into substantial plans, estimate timelines, and organize them for future execution. Participants will gain the skills to evolve ideas from conception to a defined roadmap.

In the "Maintain" phase, attendees will learn how to dynamically update plans as development progresses and circumstances change, ensuring that plans always reflect current realities.

The "Report" module focuses on summarizing plans into concise, easily digestible reports for stakeholders and wider teams, improving communication and transparency.

The training emphasizes creating "Accurate" plans by employing improved modeling of estimates and forecasting methods. The additional accuracy, clarity, and forward visibility empower teams to make proactive changes that can genuinely improve project outcomes.

By mastering these skills, program managers can dramatically improve delivery performance, resulting in more successful, efficient projects.

Speakers



Justin Meyer

CEO, Bitovi

Justin co-founded Bitovi in 2008 with his college buddy Brian Moschel. Since then, he's been obsessed with perfecting application design, development, and delivery. He lives in Chicago with his wife and two kids. As a writer of autobiographical blurbs, he knows to use his hobbies... [Read More →](#)

Tuesday February 27, 2024 12:00pm - 12:50pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Certificates** Product Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** ProductWorld, VIRTUAL, Product Management Software & Innovation (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO WORKSHOP: Building Scalable End-to-End Deep Learning Pipelines in the Cloud

Rustem Feyzkhanov, Instrumental, Machine Learning Engineer

Machine and deep learning became essential for a lot of companies for internal and external use. One of the main issues with its deployment is finding the right way to train and operationalize the model within the company. Serverless approach for deep learning provides simple, scalable, affordable and reliable architecture for it. My presentation will show how to do so within AWS infrastructure.

Serverless architecture changes the rules of the game - instead of thinking about cluster management, scalability, and queue processing, you can now focus entirely on training the model. The downside within this approach is

that you have to keep in mind certain limitations and how to organize training and deployment of your model in a right fashion. My presentation will show how to utilize services like AWS Batch, AWS Fargate, Amazon SageMaker, AWS Lambda, and AWS Step Functions to organize scalable deep learning pipelines.

Speakers



Rustem Feyzkhanov

Machine Learning Engineer, Instrumental

Rustem Feyzkhanov is a senior machine learning engineer at Instrumental, where he works on analytical models for the manufacturing industry, and AWS Machine Learning Hero. Rustem is passionate about serverless infrastructure (and AI deployments on it) and is the author of the course...

[Read More →](#)

Tuesday February 27, 2024 1:00pm - 1:50pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO WORKSHOP: Beyond Code: Reinforcing CI/CD Pipelines Against Emerging Threats

Farshad Abasi, Forward Security, Founder and CEO

As modern software development practices evolve, CI/CD pipelines have emerged as a potent, yet under-secured frontier. This has resulted in a shift in focus from attackers, who are exploiting the traditionally overlooked vulnerabilities in the development pipelines. In this presentation, we'll dive into the top CI/CD security risks as identified by OWASP. We'll look at how each attack can be performed, explore potential impacts, and the motives of bad actors. This talk will provide you with pragmatic strategies to strengthen your CI/CD security posture. Join us to transform your CI/CD pipeline from a potential vulnerability into a cornerstone of your security infrastructure.

Speakers



[Farshad Abasi](#)

Founder and CEO, Forward Security

Farshad Abasi is an innovative technologist with over twenty four years of experience in software design and development, network and system architecture, cybersecurity, management, and technical instruction. With a keen interest in security from the start, he has become an expert... [Read More](#)



Tuesday February 27, 2024 1:00pm - 1:50pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Certificates** Security Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:00pm PST
[Virtual] PRO WORKSHOP: Get in Losers...We're Learning Advanced TypeScript

David Nicholas, Bitovi, Software Consultant

Prepare to embark on a thrilling journey into the depths of TypeScript with us!

In this workshop, we're diving headfirst into the lesser-traversed territories of TypeScript. We'll explore the beginning of the realms of advanced type manipulations, navigating the landscape of Generics, Mapped Types, Conditional Types, and more.

If you're eager to kick your TypeScript skills into overdrive and venture beyond the confines of basic type-checking, this workshop is for you.

Speakers



David Nicholas

Software Consultant, Bitovi

David Nicholas is a software consultant and technical architect with deep expertise in TypeScript and React. His experience includes building mobile and web applications across various industries, including Blockchain, E-commerce, and Medical Supply Manufacturing. As a technical lead... [Read More →](#)

Tuesday February 27, 2024 1:00pm - 1:50pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Talk Type** PRO WORKSHOP
- **Track or Conference** JavaScript Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO WORKSHOP: The Beginner's Guide to Web5

Rizèl Scarlett, TBD, Block, Developer Advocate

In today's web, our data often isn't ours. But what if you could change that narrative? Explore the world of Web5, where you reclaim data sovereignty. This beginner's workshop introduces you to the core concepts of DIDs, DWNs, and protocols, all with a "Mean Girls" twist. By the end, you'll craft your own digital Burn Book.

But unlike Regina George's version, this one's all about privacy. Share your messages, but only with those you truly trust.

Get in. We're making Web5 happen.

Speakers



Rizèl Scarlett

Staff Developer Advocate, TBD, Block's newest business unit

Rizel Scarlett is a Staff Developer Advocate at TBD, Block's newest business unit. With a diverse background spanning GitHub, startups, and non-profit organizations, Rizel has cultivated a passion for utilizing emerging technologies to champion equity within the tech industry. She... [Read More](#)

→

Tuesday February 27, 2024 1:00pm - 1:50pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Certificates** JavaScript Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** JavaScript Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:00pm PST

PRO WORKSHOP (ProductWorld): Success Metrics for Product Organizations and Teams

Jim Morris, Product Discovery Group, Founder

Companies set goals. Product teams deliver features. But they aren't connected. Consistent delivery isn't enough to guarantee company success. Learn to connect the dots between a company's goals and the everyday work of individual teams. In this workshop, you will break down large company goals into actionable team sub-goals. As teams work towards these sub-goals, their individual successes should connect to achieving the company's success.

Attendees will learn to create leading indicator metrics that give teams earlier awareness than the more common lagging indicators. You will learn how team level metrics can spot problems, find emerging trends, and prioritize everyday work.

Well-written metrics that connect to company goals can guide team decisions, identify root causes of problems and surface investment opportunities.

Speakers



Jim Morris

Founder, Product Discovery Group

Jim is a coach for Product Management leaders and teams in early stage startups, tech companies and Fortune 100 corporations. Previously, Jim was an engineer, product manager and leader at startups where he developed raw ideas into successful products several times. He co-founded PowerReviews... [Read More →](#)

Tuesday February 27, 2024 1:00pm - 1:50pm PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>
[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)

- **Track or Conference** ProductWorld, VIRTUAL, Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO WORKSHOP: Build Your Own a Private GenAI Q&A System Using Dolly V2 and MongoDB Atlas Vector Search

Dave Nielsen, MongoDB, Head of Community

Sujee Maniyam, PRINCIPLE AI ENGINEER / CONSULTANT, Founder

In this talk & workshop, you will learn how to create and privately host an LLM to power a Q&A system like ChatGPT.

In this workshop, you will learn how to assemble a Generative AI stack to power an LLM for the purpose of building a Q&A system from data stored in your own database. In the workshop portion of the session, you will build your own Q&A system on top of Dolly v2 & MongoDB Atlas Vector Search in less than 30 minutes.

What we will cover:

1. Pre-processing of your data - Get it into a shape where it can be used by LLMs (For the purpose of the workshop, you will have access to pre-processed data).
2. Create chunks and embeddings.
3. Store chunks in MongoDB Atlas for fast retrieval and search.
4. Store embeddings in a vector database, such as MongoDB Vector Search.
5. Privately hosted LLM.
6. Use commercially available open-source models like Dolly v2, LLAMA v2, ChatGPT, etc. in a private VPC.

Takeaways from this session include:

1. How to assemble and operationalize a Q&A system using open-source LLMs
2. Data quality impacts the LLM response
3. How to rapidly experiment with different LLM models for your specific use case

Speakers



Sujee Maniyam

FOUNDER, PRINCIPLE AI ENGINEER / CONSULTANT

Sujee Maniyam is a seasoned practitioner specializing in Generative AI, Machine Learning, Deep Learning, Big Data, Distributed Systems, and Cloud technologies. He has been consulting and training and mentoring other professionals across various companies large and small. Sujee is... [Read More](#)





Dave Nielsen

Head of Community, MongoDB

Dave Nielsen is the Head of Community at MongoDB. Prior to that Dave was Head of Community at Harness, Traceable, Redis Labs, Strikeiron & PayPal. He also co-founded CloudCamp

Tuesday February 27, 2024 2:00pm - 2:50pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO WORKSHOP: Your Frontend Is Not Your Backend: Using Data Transfer Objects for Your Own Sanity

Kaitlyn Concilio, 8th Light, Developer

The backend developers only want to name their variables_like_this, while you, a frontend, are all about that camelCaseLife. But you're not doomed as aCapulet to war with them forever, so don't reach for that poison just yet.

Data Transfer Objects are here to save the day. Whether you're looking to maintain naming convention consistency or convert between similar data types that don't quite match up (without either sacrificing type safety or bloating the scope of your component), DTO is the way to go.

We'll talk about the conceptual underpinnings and share examples of when they can be best put to use. Though we're talking Typescript, these concepts are applicable to any typed language.

Speakers



Kaitlyn Concilio

Developer, 8th Light

Kaitlyn Concilio has been playing with computers since she first telnetted into the library to reserve books in first grade. With deep experience in design and writing, she's programmed her way through stints in journalism, nonprofits, higher education and healthcare, both as an... [Read More →](#)

Tuesday February 27, 2024 2:00pm - 2:50pm PST

[VIRTUAL PRO Stage B](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Frontend Conference](#)

- **Certificates** [JavaScript Certificate](#)
- **Talk Type** [PRO WORKSHOP](#)
- **Track or Conference** [JavaScript Conference](#), [Data Engineering Conference](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

2:00pm PST
[Virtual] [OPEN WORKSHOP: Accelerate Cloud Native Development with Coder](#)

Tim Quinlan, Coder, Sr. Technical Account Manager

Need a self-hosted, fully supported Cloud Development Environment that runs on pretty much any architecture? Check out Coder! Shift left on your developer runtimes while retaining control of your IP and infrastructure – without investing in a from-scratch Platform Engineering build out. In this hands-on workshop the Coder team demonstrates how to deploy, manage, and use Coder in a flexible and secure environment . Participants will learn how to self-host their CDE with Coder and keep developers in flow.

Speakers



Tim Quinlan

Sr. Technical Account Manager, Coder

Tim is currently applying his many years of Linux and platform experience to help developers modernize their workflows with Coder.

Tuesday February 27, 2024 2:00pm - 2:50pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** Enterprise Summit, VIRTUAL, OPEN Talk
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO WORKSHOP (ProductWorld): Debugging Burnout

Samuel Shaw, Battelle, Software Developer

Working in a product space requires knowing how to take a very complex problem and break it down into iterative chunks. Far too often, we're so wrapped up in the problems we're solving professionally, that we completely forget to introspectively look at ourselves and ask what problems in our own lives need solving. Burnout is real and worth addressing. But much like the dev process, understanding the "why" behind behavior leads to a more sustainable outcome. We want to develop a framework and language to properly identify burnout and how we can work through it.

Speakers



Samuel Shaw

Software Developer, Battelle

Sam has been in the technology space professionally for seven years after dabbling as a developer while working in academia. His spare time is spent trying new things or in the gym fighting. Most recently the focus being Krav Maga and Kung Fu.

Tuesday February 27, 2024 2:00pm - 2:50pm PST

[VIRTUAL ProductWorld Main Stage](https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** ProductWorld, Product Management Software & Innovation (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), VIRTUAL
- **In-Person/Virtual** Virtual

Wednesday, February 28

9:00am PST

[DeveloperWeek Virtual Challenge - Enter to win Tech Prizes!](#)

Wednesday February 28, 2024 9:00am - 4:00pm PST

[2. Experiences & Official Events](#)

- **In-Person/Virtual** Virtual

9:00am PST

[\[VIRTUAL\] EXPO HALL OPEN](#)

Wednesday February 28, 2024 9:00am - 4:00pm PST

[Expo Hall -- Exhibit Hall West](#)

3. Expo Hours

- **In-Person/Virtual** [Virtual](#)

9:30am PST

[Virtual] Sponsor Spotlight: Codacy (Live Demo)

Join us for a tour of the Codacy platform: The Only Toolbox Developers Need to Merge Clean, Quality, and Secure Code.

Sponsors



[Codacy](#)

Wednesday February 28, 2024 9:30am - 9:45am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL, OPEN Talk
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] KEYNOTE: Slack -- Leading through Change: How Building AI Products Can Bring about Better Engineering Leaders

*Rukmini Reddy, Slack, SVP of Engineering
Tamar Bercovici, Box, VP of Engineering*

The last 50 years have seen major cycles of technological change – from the internet, cloud, computing, and mobile. But nothing compares to the compressed timeline that's happened with generative AI. Because of this rapid pace of innovation, the last year has been a whirlwind for engineering teams incorporating AI into their products. Leaders have had to redo their roadmaps, introduce new team structures and product pillars, create new product strategies in reaction to the market, all while having both a growth and efficiency mindset.

How do engineering leaders navigate these changes and lead through change? In this session, Slack's Rukmini Reddy will share her perspective on what this past year has meant for the team of engineers and developers she leads, and how she continues to adapt and evolve her own leadership approach. She'll also be joined by Box's Tamar Bercovici to build on these ideas.

Using learnings from Slack and Box's own work with AI over the past year, attendees can expect to walk away from this keynote with actionable strategies and advice that they can take back to their own teams about better communication, better transparency, and bringing technical teams together to work towards a common goal.

Speakers



Tamar Bercovici

VP of Engineering, Box

Tamar Bercovici is a VP of Engineering at Box where she leads the Core Platform team in scaling the foundational platform for the Box Content Cloud. Tamar also runs the annual Box Hackathon and is a frequent invited speaker at leading technology conferences like Velocity, @Scale... [Read More](#)





Rukmini Reddy

SVP of Engineering, Slack

Rukmini Reddy is the SVP of Engineering at Slack. She joined Slack in 2020 to lead teams that deliver exceptional first-party and third-party app experiences, as well as drive the vision of Workflow Builder - Slack's no-code automation tool. Before Slack, she was VP of Engineering... [Read More →](#)

Wednesday February 28, 2024 9:30am - 9:55am PST

[VIRTUAL DeveloperWeek Main Stage](https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c) <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** DevExec Summit, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

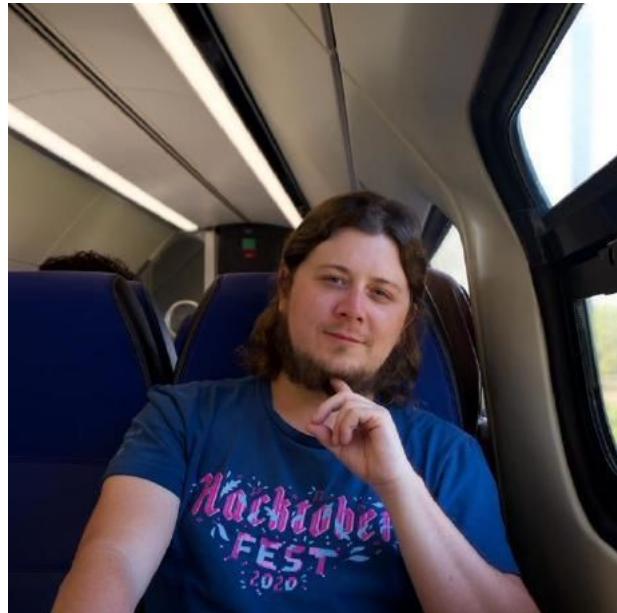
9:30am PST

[Virtual] PRO TALK: The GitHub Advisory Database: How GitHub Works to Address the Problem of Vulnerability Visibility to Secure the World

Jonathan Moroney, GitHub, Security Analyst

GitHub maintains a database of vulnerabilities as they relate to commonly used packages in order to power Dependabot. Join to get a tour how they do it and the pain points they run into along the way.

Speakers



[Jonathan Moroney](#)

Security Analyst, GitHub

Jon (aka darakian) is a security analyst working in the Security Lab at GitHub. He is primarily concerned with maintaining the breadth and quality of the advisory database so that GitHub users have the best experience possible with dependency alerts.

Wednesday February 28, 2024 9:30am - 9:55am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate, Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual Exclusive] PRO TALK: Domain Storytelling—Understanding Your Users by Drawing Pictures

Henning Schwentner, WPS - Workplace Solutions, Coder, Coach, Consultant

Misunderstandings between developers and the business are a plague. Bad communication makes projects fail. This talk presents a remedy. The session's highlight will be a practical demonstration with the auditorium as an interview partner.

Domain Storytelling is a technique to transform domain knowledge into effective business software. It brings together domain experts and development teams to: (a) understand the domain of a software system, (b) find microservices boundaries, and (c) talk about requirements.

We let domain experts tell us stories about their tasks. While listening, we record the stories using an easy-to-understand pictographic language.

The domain experts can see immediately whether we understand their story correctly. After very few stories, we are able to talk about the people, processes, and events in that domain.

The talk is aimed at everyone involved or interested in software development, including non-technical people.

Speakers



[Henning Schwentner](#)

Coder, Coach, Consultant, WPS – Workplace Solutions

Henning loves programming in high quality. He lives this passion as coder, coach, and consultant at WPS – Workplace Solutions. There he helps teams to structure their monoliths or to build new systems from the beginning with a sustainable architecture. Microservices or self-contained... [Read More →](#)

Wednesday February 28, 2024 9:30am - 9:55am PST

[VIRTUAL OPEN Workshop Stage 1](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[DevExec Summit](#)

- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, VIRTUAL, DevLead Conference
- **In-Person/Virtual** Virtual, Virtual Exclusive

9:30am PST

[Virtual] PRO TALK: It Starts At The Top: Establish Your Engineering Culture Around Transparency

Hersh Tapadia, Allstacks, Co-Founder & CEO

As leaders, we have a responsibility to our employees, investors (and shareholders), customers, and ultimately, ourselves, to produce results and bring cash in the door. What often gets lost in translation is how we cater to both the tangible or monetary, needs of the business and simultaneously create an honest and open workplace for everyone to do their best work. Building an engineering culture centered around transparency should be at the top of the list. This creates an environment where trust, collaboration, and open communication are at the forefront of every line of code that's written, feature that's shipped, or product that's launched.

The question for you is: how do your engineers and engineering managers rate the level of transparency at your company if they are behind closed doors? Do they have what they need to be successful? Is your engineering culture fostering an environment conducive to sharing ideas, knowledge, and not only driving change but adapting to change? Lastly, does each engineer know how the work they do impacts the business every day?

In this talk, we'll cover why engineering cultures that value transparency also breed a culture of continuous improvement and the positive impact that has on performance at the individual and team level. We'll also talk about how this raises the happiness/satisfaction levels of your engineers and improves the quality of their work. Lastly, we'll talk about what it takes to reshape company culture and the steps you can take to embrace transparency as a part of your engineering processes.

Speakers



[Hersh Tapadia](#)

Co-Founder & CEO, Allstacks

Hersh Tapadia, co-founder and CEO at Allstacks, is a serial entrepreneur and engineer who is interested in solving problems that are at the heart of customer challenges. Hersh co-created Allstacks with the belief that engineering should be a leader in the boardroom. That leadership... [Read More →](#)

[Read More →](#)

Wednesday February 28, 2024 9:30am - 9:55am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevExec Summit

- **Certificates** Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] OPEN TALK (ProductWorld): Radical Transparency in Product Development

Greg Lind, Buildly, CEO and CTO

Radical Therapy for Product Development is a philosophy that embraces openness, collaboration, and constant improvement. It challenges the traditional silos and hierarchical structures often found in software development as well as product and business management and replaces them with a culture of transparency and accountability.

Through the use of effective communication channels, such as collaborative writing of user stories, technical translation, and regular check-ins, software teams can achieve a deeper understanding of business requirements and technical implementation. By breaking down barriers between stakeholders and developers, teams can work together seamlessly to deliver high-quality products.

Speakers



Greg Lind

CEO and CTO, Buildly

20+ year career in Software, Open Source and Startups. Founder and CTO of four successful startups founded in 3 different countries. Worked with NGO's and National and Local Government agencies building open source grant and program management systems.

Wednesday February 28, 2024 9:30am - 9:55am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] OPEN TALK: Best Practices in Open Source Risk Management: The Developer vs Security Viewpoint

Chris Lindsey, Mend.io, Application Security Evangelist

Assessing risk in Open Source dependency use can make any security lead sweat. Projects which rarely update dependencies will be the slowest to react and remediate so-called "log4j incidents", which is often referred to as "security debt".

Meanwhile, the risk of malicious code introduction or account takeovers in Open Source packages is not insignificant, so those who live on the cutting edge of latest versions may also be at increased risk from another angle. How can companies - especially those in highly-regulated industries provide sensible guidance to software teams which optimizes their risk?

This presentation will address the challenges from both angles - how much more at risk are projects when they fall behind in dependencies and how much risk is there from malicious code in Open Source? Chris Lindsey will deliver this perspective as someone who has lived on both sides and understands dependency automation as well as supply chain security. Learn how Mend Renovate can help manage dependency updates and minimize your technical debt.

Speakers



[Chris Lindsey](#)

Application Security Evangelist, Mend.io

Chris Lindsey has thirty years of experience leading teams in programming and software, solutions and security architecture. For three years, he built and led an entire application security program that includes the implementation of mature AppSec programs, including oversight of security... [Read More →](#)

Wednesday February 28, 2024 9:30am - 9:55am PST

VIRTUAL OPEN Workshop Stage 1 <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] OPEN TALK: Beyond the Hype: A Skeptic's Introduction to Building on the Blockchain

Richard Gottleber, Chainlink Labs, Developer Advocate

Richard Gottleber from Chainlink Labs unveils the raw potential and realistic applications of blockchain technology in this talk. This session will strip away the speculative buzz, focusing instead on how blockchain can revolutionize secure, transparent digital transactions and ownership. Learn how Chainlink's Distributed Oracle Network enhances blockchain capabilities, seamlessly integrating real-world data with smart contracts. This talk is a gateway for those ready to explore the tangible benefits and innovative solutions blockchain and Chainlink offer, from decentralized finance to supply chain management, gaming, and more. Don't miss this opportunity to understand the technology poised to redefine our digital and economic landscapes.

Speakers



Richard Gottleber

Developer Advocate, Chainlink Labs

He began his career behind a support desk and worked on the entire technical stack from system administration to front-end development, with a pit-stop as a 5th-grade math and science teacher. He breaks down complex topics and shares terrible dad jokes.

Wednesday February 28, 2024 9:30am - 9:55am PST

[VIRTUAL OPEN Expo Innovation Stage](https://app.events.ringcentral.com/events/developerweek-2024/sessions) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] OPEN TALK: Shifted Left: Moving from a Reactive to Proactive Mindset

Dan Hopkins, StackHawk, VP of Engineering

20 years ago, Jeff Bezos shared an API mandate that required his employees to communicate via APIs. Fast forward to 2024, APIs are the primary way to build the applications we use every day. What's still lagging, however, is the approach to ensuring these APIs are secure. This talk will lean into the shift-left movement, tracing its history from agile development and devops, and how moving from a reactive to proactive mindset is crucial to ensuring your data is protected.

Speakers



Dan Hopkins

VP of Engineering, StackHawk

Dan Hopkins has been a software engineer for 20 years, working at high-growth startups such as VictorOps and LivingSocial and large high-tech companies such as Splunk. For the last ten years, he has focused on building tools for progressive engineering teams adopting DevOps and DevSecOps...

[Read More →](#)

Wednesday February 28, 2024 9:30am - 9:55am PST

VIRTUAL OPEN Expo Discovery Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevLead Conference, Security Summit, VIRTUAL
- **In-Person/Virtual** Virtual

[DeveloperWeek Certificate Program](#)

9:30am PST

<https://www.developerweek.com/certificates/>

Wednesday February 28, 2024 9:30am - 4:00pm PST

2. Experiences & Official Events

- **Talk Type** PRO TALK
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual Exclusive] PRO TALK: LLM Use Cases in Enterprise Software Development

Zach Gardner, Keyhole Software, Chief Architect

If your Twitter/X feed hasn't been flooded since Jan 2023 with ChatGPT and LLM "experts", you aren't living. But how many people truly use it in enterprise software development? Sure, you turn over a rock you'll find an expert, but where is it actually being used, how is it being used, is it a fad like FroYo or is it here to stay like microservices? The truth is somewhere between those extremes. I put together a list of the places actually leveraging GPT/LLM, how they're using it, why they're using it, to help guide us on how much of our limited TikTok attention span we need to spend thinking about how we can use it at our respective gigs.

Speakers



Zach Gardner

Chief Architect, Keyhole Software

I'm the Chief Architect at Keyhole Software, and come to work to make users' lives better. I find the nexus between business needs, how users want to use

software, and what can be feasibly implemented given the constraints of time and cost. What gives me the most joy is not putting... [Read More →](#)

Wednesday February 28, 2024 10:00am - 10:25am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, Enterprise Summit, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

10:00am PST

[Virtual] PRO TALK: The Workflows Specification - The Missing Piece of the API Puzzle!

Frank Kilcommis, SmartBear, API Technical Evangelist

Join this talk to learn all about the API Workflows Specification, being developed under the OpenAPI Initiative, which aims to compliment current specifications such as, OpenAPI and AsyncAPI, by enabling the ability to define and document workflows, which are a series of API calls that together accomplish a specific business objective. This will provide a deterministic recipe for using APIs and enable code generation tooling for a given API(s) based on use-cases. Additionally, the specification will improve regulatory checks, bridge gaps where use-case flows span multiple API definitions. In general, there's enormous potential to enhance the developer experience (DX) and API documentation by enabling graphical rendering of workflows, the specification will improve human understanding of how to consume API endpoints to achieve a goal. Workflow documents can stay up to date and be assertable against the underlying APIs, reducing the need for out-of-band documentation sharing, and reduce the time and effort required to implement complex workflows, and automate testing and other repetitive tasks. Overall, the API Workflows Specification will improve the capability of API specifications to tell the story of the API(s) in a manner that can improve interoperability across many industries.

Speakers



Frank Kilcommis

API Technical Evangelist, SmartBear

Frank Kilcommis, API Technical Evangelist at SmartBear, has over 15 years of experience in the technology industry, his roles spanning from software engineering to enterprise architecture. His mission is to inspire, engage with, and support the API community as well as SmartBear... [Read More →](#)

Wednesday February 28, 2024 10:00am - 10:25am PST

[VIRTUAL PRO Stage B](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[API & Microservices Conference](#)

- **Certificates** [API Certificate](#), [Dev Leadership Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [API & Microservices Conference](#), [DevLead Conference](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

10:00am PST

[Virtual Exclusive] [PRO TALK: The Dawn of the FinOps Era: Redefining the Software Engineer's Journey](#)

Noam Levy, Activefence, Software Engineer, Data & MLOps

Welcome to the next step in your software engineering journey: the FinOps frontier.

In the early 2000s, a software engineer's responsibilities typically ended at the release of a new software version. But the landscape evolved. By 2010, the dawn of cloud computing required us to adopt DevOps skills and rethink the boundaries of our roles.

Today, we stand on the brink of a fresh era, an era where financial operations (FinOps) becomes an integral part of software engineering. As we embrace cloud scalability, understanding the financial implications of our design and architecture choices is more critical than ever.

In this lecture, we'll delve deep into the world of FinOps. We'll explore its core principles, how it's changing the game in cloud financial management, and, most importantly, how you can embed this culture within your R&D organization.

Speakers



Noam Levy

Software Engineer, Activefence

Certified AWS solution architect, leading the Data group FinOps domain, designing complex architectures while bringing performance and cost-effectiveness to the top level.

Wednesday February 28, 2024 10:00am - 10:25am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevOps Summit

- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL, API & Microservices Conference
- **In-Person/Virtual** Virtual, Virtual Exclusive

10:00am PST

[Virtual] PRO TALK: What Stinks? How Developer Hygiene Impacts Security

Peter Chestna, Checkmarx, CISO

Your personal hygiene habits can have a big impact on your life. Similarly, the way you and your team build software, aka professional hygiene, impact your company and the quality and security of your work. Difficult problems are often solved by going back to basics. Join me to explore and discuss.

Is deploying secure code to production an unnatural act or second nature? Have we built the right muscles to react and update our applications quickly?

Most of the code in modern applications is made up of open-source components. This allows devs to focus on value-generating features and not on scaffolding and foundations. That doesn't mean you should ignore it though. The challenge is that Open Source is not free like a lunch. It's free like a puppy. To compound this problem, the rise of the malicious coder has made cyber attacks easier to perpetrate and harder to detect. Attacks to the OSS ecosystem and supply chain have exploded in recent years. CVEs, while still important, have become table stakes. The need for strong risk telemetry related to our open-source usage is now a critical control in Application Security.

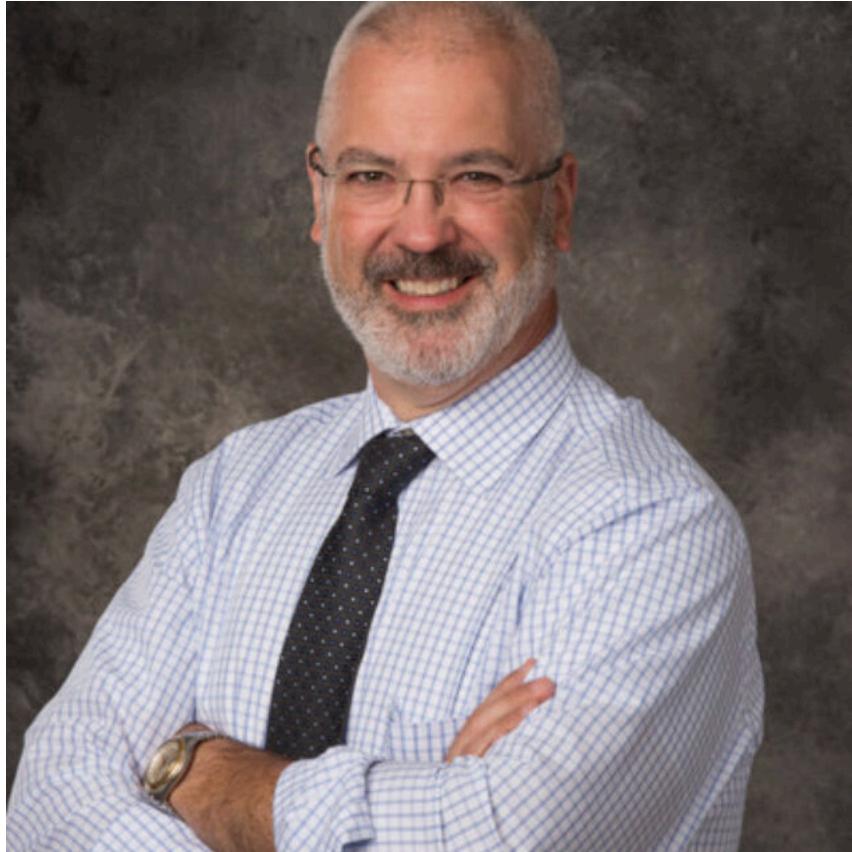
This talk will walk through our current mismanagement of open source and how our hygiene habits impact our ability to manage and react to problems in the supply chain.

What you will learn:

- What the vulnerability landscape looks like currently

- The factors from both security and development the are contributing to the problem
 - Concrete steps to take to get better
-

Speakers



[Peter Chestna](#)

CISO of North America, Checkmarx

Pete Chestna serves as the CISO of North America at Checkmarx, where he provides customers and prospects with practical advice for building successful application security programs. Bringing more than 15 years of direct AppSec practitioner experience, Pete has held roles ranging from...

[Read More →](#)

Wednesday February 28, 2024 10:00am - 10:25am PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevOps Summit

- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] OPEN TALK: Accelerating App Development: Harnessing the Power of AI Through Low-Code, Integrated Technologies

Hadi Chami, LEAD Technologies (LEADTOOLS), Developer Advocate and Manager

There is a lot to successful application development. From clearly defining and executing your goals, providing a reliable solution to a problem, to then focusing on user experience, feedback, and security - there is no shortage of tasks that a developer or development team needs to prioritize. Join Hadi as he discusses the challenges of application development and how LEADTOOLS low-code SDKs have successfully helped app developers building applications across various industries reach their goals faster for over 30 years.

By providing millions of lines of code and reliable libraries, LEADTOOLS helps developers quickly integrate powerful AI-backed technologies including OCR/ICR, Barcode, Forms Recognition & Processing, PDF, Document Viewing, Editing & Conversion, Annotations, DICOM, PACS, Medical Viewing, A/V Codecs & much more!

Speakers



[Hadi Chami](#)

Developer Advocate and Manager, LEAD Technologies Inc (LEADTOOLS)

Hadi Chami is the Developer Advocate and Manager at LEADTOOLS, the top provider of software development toolkits. LEADTOOLS gives developers millions of lines of code at their fingertips, speeding up the development process while fortifying the technology with top security measures... [Read More →](#)

Wednesday February 28, 2024 10:00am - 10:25am PST

[VIRTUAL OPEN Expo Innovation Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)

- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] OPEN TALK: AI-Powered Semantic Search with Open Source, Data Tools

Bassam Chahine, Instaclustr, Senior Consultant

Step into the world of AI-driven data solutions with our focused session on semantic search using Open-Source tools such as Cassandra and OpenSearch. We're cutting through the noise to show you how the current capabilities of Open Source tools align with the demands of natural language processing and AI systems. Discover how Python and fastText can work together within Cassandra and Open Search to build powerful vector search features. Plus, get a sneak peek at the anticipated enhancements in Cassandra 5 that promise to streamline these processes even further. This session is your quick guide to understanding and applying Cassandra and OpenSearch potential in an AI context – no fluff, just the essentials. Whether you're managing large datasets or looking to infuse AI into your data strategy, join us to see how open-source tools stand up to the task now and how it's gearing up for an even more efficient future.

Speakers



Bassam Chahine

Senior Consultant, Instaclustr

Bassam Chahine is a senior consultant at Instaclustr, which provides a managed platform around open-source data technologies. He has been working with Cassandra, along with other open-source software, for over ten years and is a certified Cassandra administrator

Wednesday February 28, 2024 10:00am - 10:25am PST

VIRTUAL OPEN Expo Discovery Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, DevOps Summit,
VIRTUAL

- **In-Person/Virtual** [Virtual](#)

10:00am PST

[Virtual] OPEN TALK: Building Cloud-native Apps with Data and AI

Sanjay Goil, Oracle, Vice President, Product Management

Modern web and mobile apps are increasingly becoming simpler to build with advances in low-code platforms, convergence of DevOps and DataOps on the cloud, and insertion of Gen AI techniques to harness foundation models with enterprise data. This talk covers the convergence of data and AI in the latest edition of the Oracle Database, simplifying app dev like never before.

Speakers



[Sanjay Goil](#)

Vice President, Product Management, Oracle

Sanjay Goil is Vice President Product Management in the Oracle Database Emerging Technologies team. He works on developer platforms for making it easy to build web/mobile applications with Oracle Database. Data and AI are at the forefront of these data-driven and event-driven applications... [Read More →](#)

Wednesday February 28, 2024 10:00am - 10:25am PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] OPEN TALK (ProductWorld): Data Radar Maps : Frameworks for Boosting Product Led Growth (PLG) Strategies with Data.

Joy Chatterjee, One Camp Consulting, Co-Founder and Product Strategy Consultant

Learn how high performance product led growth (PLG) teams such as Mercedes, FedEx, brighter AI, DCMN GmbH use “data-informed” models to leverage the full potential of their organizational data. ☀️

Understand the aspects where and how product teams have strong data foundations

Debunk common misconceptions when it comes to cross-team collaboration between product and data

Data education for the product teams to increase their level of data fluency

How to build data-informed workflows that product teams understand and can adopt right away

Speakers



Joy Chatterjee

Co-Founder and Product Strategy Consultant, One Camp Consulting

Product Ops & Data Consultant, with over 10 years of experience in data science and 3 years in product led growth (PLG). Co-Founder and Product Strategy Consultant at One Camp Consulting, based in Berlin. For data, collaborative ventures with Mercedes, FedEx, Just Mad as well as AI... [Read More →](#)

Wednesday February 28, 2024 10:00am - 10:25am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, ProductWorld, Product Lifecycle & Case Studies (ProductWorld), Product Management Software & Innovation (ProductWorld), VIRTUAL
- **In-Person/Virtual** Virtual

10:15am PST

[Sponsor Spotlight: StackHawk \(Live Demo, Live Q&A \(post speaking session\)\)](#)

Join StackHawk in their virtual booth for a live demo & Q&A

Sponsors



STACKHAWK

[StackHawk](#)

StackHawk is making API and application security testing part of software delivery. The StackHawk platform offers engineering teams the ability to find and fix application bugs at any stage of software development. It gives Security teams insight into the security posture of applications... [Read More](#)



Wednesday February 28, 2024 10:15am - 10:30am PST

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] Sponsor Spotlight: LEADTOOLS (Live Q&A (post speaking session), Live Raffle/Giveaway)

Join us after our session for a Q&A to discuss how LEADTOOLS SDKs can streamline your application development.

Enter to win a special giveaway - new winner each day!

Sponsors



LEADTOOLS

LEADTOOLS comprehensive collection of SDKs offer low-code, reliable controls for developers to integrate powerful document, medical, imaging & multimedia features Powered by patented AI and computer vision

algorithms, LEADTOOLS SDKs have helped developers Build Better Apps for over... [Read More →](#)

Wednesday February 28, 2024 10:30am - 10:45am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] PRO TALK: Chat with Data Benchmark: Understanding Synergies between Large Language Models and Knowledge Graphs

Juan Sequeda, data.world, Principal Scientist and Head of the AI Lab

With the advent of Generative AI and Large Language Models (LLMs), the prospect of conversing with SQL databases has garnered significant attention in the enterprise. However, the accuracy of LLMs in this context remains unclear. Many claim that the missing link to providing essential enterprise context to LLMs is found in Knowledge Graphs. This begs the question: to what extent do Knowledge Graphs increase accuracy?

A comprehensive benchmark is required to understand these capabilities and limitations. Although there is a vast number of question answering and Text-to-SQL benchmarks already, they are disconnected from enterprise settings because they lack 1) enterprise relational schemas, 2) questions ranging on a variety of business complexity, and 3) well defined and governed metadata that serves as business context in the form of a Knowledge Graph.

In response, the Chat with Data benchmark was created, a framework which addresses enterprise AI needs by assessing the accuracy of LLMs to answer natural language questions over enterprise SQL databases, and investigating

how Knowledge Graphs can enhance that accuracy. Juan Sequeda, Principal Scientist & Head of the AI Lab at data.world, will introduce the benchmark and the methodology behind it, share ongoing work and the latest results, and discuss how organizations can adopt the framework for their internal uses.

Speakers



Juan Sequeda

Principal Scientist and Head of the AI Lab, data.world

Juan Sequeda is the Principal Scientist and Head of the AI Lab at data.world. He holds a PhD in Computer Science from The University of Texas at Austin. Juan's research and industry work has been on the intersection of data and AI, with the goal to reliably create knowledge from... [Read More →](#)

Wednesday February 28, 2024 10:30am - 10:55am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
AI & Machine Learning Conference

- **Certificates** AI & ML Certificate, Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, Data Engineering Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] PRO TALK: Standard Webhooks - Doing Webhooks Right

Tom Hacohen, Svix, Founder & CEO

Matt McClure, Mux, Co-founder and Head of Developer Experience

Standard Webhooks is an initiative to standardize webhooks and make them better for producers, consumers, and the ecosystem as a whole. The steering committee consists of leaders from Twilio, Kong, Mux, Supabase, Lob, ngrok, Svix, and Zapier.

Webhooks are becoming increasingly popular and are used by many of the world's top companies for sending events to users of their APIs. However, the ecosystem is fragmented, with each webhook provider using different implementations and varying quality. Even high quality implementations vary, making them inherently incompatible. This fragmentation is a pain for the providers and consumers, stifling innovation.

For consumers, this means handling webhooks differently for every provider, relearning how to verify webhooks, and encountering gotchas with bespoke implementations. For providers, this means reinventing the wheel, redesigning for issues that have already been solved (security, forward compatibility, etc.).

We propose a simple solution: standardize webhooks across the industry. This design document outlines our proposal, a set of strict webhook

guidelines based on the existing industry best practices. We call it "Standard Webhooks".

This talk will cover the challenges that led to the creation of standard webhooks, the project itself, and how it's already affecting the industry.

Speakers



[Tom Hacohen](#)

Founder & CEO, Svix

Tom is the founder and CEO of Svix, the enterprise ready webhooks service, which is backed by Y Combinator, Andreessen Horowitz (a16z), Aleph, and founders and CTOs of companies such as Github, PagerDuty, Segment, and Lookout. He has previously led teams at both the Israeli intelligence... [Read More →](#)



[Matt McClure](#)

Co-founder and Head of Developer Experience, Mux

Matthew is an internet video nerd. He's the co-founder and Head of Developer Experience at Mux, a startup building online video infrastructure for developers, was a core-contributor to Video.js, the biggest HTML5 video framework, and the organizer of Demuxed, the largest video-focused... [Read More →](#)

Wednesday February 28, 2024 10:30am - 10:55am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] PRO TALK: Taking Steps Towards Real-Time Risk Assessment

Shannon Murphy, Trend Micro, Global Growth Strategy, Emerging Technologies

In this session, the speaker will share the three challenges that infosec leaders are facing today. She begins with the threat actor evolution, considers the threat activity evolution, looks at the attack surface scale and security tool sprawl to paint an accurate picture of the current landscape. She will then offer three ways that the cybersecurity industry is adapting and how decision makers can increase their own visibility into potential challenges and shift their focus to risk prioritization. Finally, the speaker will discuss ways to maintain a strong team culture in the face of economic downturn.

Attendees will:

- Delve into the ways cybercriminals, nation state actors and insiders react to various economic situations and what that means for your business.
- Realize how to consider risk across cloud native applications and other technologies that are changing within organizations.
- Understand the mindset shift required to focus on risk prioritization and learn how to navigate uncertainty across today's cybersec landscape

Speakers



Shannon Murphy

Global Growth Strategy, Emerging Technologies, Trend Micro

Shannon Murphy has nearly a decade in cybersecurity and technology experience in the role of security in business and the workforce of the future. A subject matter expert in emerging SOC solutions including XDR, attack surface management and Zero Trust implementations, she is at the... [Read More →](#)

Wednesday February 28, 2024 10:30am - 10:55am PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevOps Summit

- **Certificates** DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] OPEN TALK (ProductWorld): From Idea to Impact: 7 Steps to Cultivate a User-Centric Culture for a Stellar Product Launch

Surbhi Gupta, Zoox, Product Management Leader

Discover the secrets to thriving in today's competitive market by prioritizing user-centric product development. Join us to explore how neglecting user needs contributes to high product failure rates, and learn from research conducted by esteemed institutions like Harvard and MIT. Industry giants like Google and Coca-Cola have already embraced customer-centric strategies, recognizing their impact on brand perception and market success. During this event, we will delve into actionable strategies that lay the foundation for robust product development

Speakers



Surbhi Gupta

Product Management Leader, Zoox

Product Leader with over 18 years of experience in building products and leading teams globally for some of the biggest names in tech, including Facebook, Tesla, and Oracle, as well as early and mid-stage startups. Her vast career includes founding her own startup, serving as a radio... [Read More →](#)

Wednesday February 28, 2024 10:30am - 10:55am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, Product Teams: Managers & Developers & Designers
[UI/UX \(ProductWorld\)](#), VIRTUAL
- **In-Person/Virtual** Virtual
- **about** Product Leader with over 18 years of experience in building products and leading teams globally for some of the biggest names in tech, including Facebook, Tesla, and Oracle, as well as early and mid-stage startups. Her vast career includes founding her own startup,

serving as a radio talk show host, and instructing as Lead Product teacher at Product School and guest lecturer at NYU Stern for Tech MBA program. Surbhi has dedicated her time to mentor 300+ students and working professionals from top-tier institutions such as Harvard, Stanford, and NYU, and has provided invaluable insight and guidance to new companies as a mentor at Plug and Play Accelerators for the past four years. Surbhi's passion for women in tech has also earned her recognition, including the title of Miss India California. Her work and story have been featured in Forbes, BBC, Yahoo, ET, and many other leading media outlets.

10:30am PST

[Virtual] OPEN TALK: Build a React App on Virtualized, Open-Source Data (in 10 min)

Andrew Johnson, Fluree, Lead Software Engineer

How quickly can we build a front-end app on data that we don't own or host? In this laptops-out session, we'll virtualize real-time data from a hosted, open-source database into a react native application. As the owner of that database (in this case, your speaker, Andrew) updates the database, your own application will update before your very eyes with no extra layers of programming!

Key takeaways from this session include:

1. Real-time data integration: Learn the art of seamlessly integrating open-source data from anywhere into your React application.
2. Data virtualization in action: Witness the power of data virtualization as your application updates instantaneously, providing users with real-time data experiences.
3. Real-world applicability: Gain insights into how this approach can be applied to real-world scenarios, enabling you to create dynamic, responsive applications on top of shared databases

Speakers



Andrew Johnson

Lead Software Engineer, Fluree

Andrew Johnson is a lead software engineer at Fluree, PBC where he leads architecture and implementation for client projects. He's worked on software development solutions for projects that include university student information systems, patent publication records, consumer data ownership...
Read More →

Wednesday February 28, 2024 10:30am - 10:55am PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Cloud-Native Conference, Data Engineering Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] KEYNOTE: StackSpot -- Why Does Nobody Love Gen AI for Coding?

Caio Jardim, StackSpot, Product Growth Director

João Batista, StackSpot, Product Manager

Despite its potential to revolutionize software development, Generative AI tools for coding often face skepticism and underutilization. This presentation explores the underlying reasons among developers, especially concerns about accuracy and reliability, and the significant learning curve associated with integrating these tools into existing workflows. With the power of Hyper-

contextualization, we believe that by addressing these barriers, we can unlock the full potential of Gen AI for coding, fostering a more collaborative and efficient future in software engineering.

Speakers



[João Batista](#)

Product Manager, StackSpot

Born in Brazil, he studied Electronic Engineering in Florianópolis and London and has worked in companies based in Brazil, USA and also China. He is passionate about developing high-quality products with emphasis on customers' needs. Additionally, he has always been enthusiastic... [Read More](#)





Caio Jardim

Product Growth Director, StackSpot

Caio Jardim is the Product Growth Director at StackSpot. Passionate about innovation and working with great talents, he leads the Growth team of this Developer Platform, focused on helping developers be more productive in their projects and companies. With an international career... [Read More →](#)

Wednesday February 28, 2024 10:30am - 11:20am PST

[VIRTUAL DeveloperWeek Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

11:00am PST

[\[Virtual\] PRO TALK: Navigating LLM with Retrieval Augmented Generation \(RAG\) to Avoid Hallucinations](#)

Venkata Karthik Penikalapati, Salesforce, Senior Member of Technical Staff
Sudheer Kumar Reddy Gowrigari, Salesforce, Engineering Manager

As businesses increasingly explore the integration of Gen AI and large language models (LLMs) into their operational services, a common question arises: How can we seamlessly incorporate LLMs into our existing solutions, IT systems, databases, and proprietary business data?

For companies with extensive product catalogs and discrete information sources, concerns may arise regarding the accuracy of LLMs in retaining knowledge about our vast product offerings. It's crucial to ensure that LLMs do not produce erroneous hallucinated results, which could be detrimental to the customer experience.

Furthermore, when it comes to LLM-based applications, maintaining accuracy and preventing hallucinations are paramount to provide a reliable service. Fortunately, there's a practical solution: grounding through embeddings and harnessing the power of vector search.

For businesses aiming to optimize their internal knowledge retrieval systems, this approach offers a swift and effective means of enhancing customer experiences, streamlining access to valuable information, and ultimately driving business success.

During this presentation, we will delve into a search solution that leverages vector search in conjunction with LLMs to provide more personalized results.

Speakers



Venkata Karthik Penikalapati

Senior Member of Technical Staff, Salesforce

Venkata Karthik Penikalapati is a seasoned software developer with over a decade of expertise in designing and managing intricate distributed systems, data pipelines, and ML Ops. Armed with a Master's degree in Computer Science from the University at Buffalo, his knowledge spans the... [Read More](#)



[Sudheer Kumar Reddy Gowrigari](#)

Engineering Manager, Salesforce

Sudheer Kumar Reddy G is a dynamic Engineering Manager at Salesforce since August 2023, recognized for his leadership in software solution development and project management. At Salesforce, he leads a high-performing team, driving the strategic implementation of innovative software... [Read More →](#)

Wednesday February 28, 2024 11:00am - 11:25am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
AI & Machine Learning Conference

- **Certificates** [AI & ML Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [AI & Machine Learning Conference, VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

11:00am PST
[Virtual] PRO TALK: Prepare and Protect: The Evolving API Threat Landscape

Ravi Balupari, Imperva, API Security and other Cloud-Native Security

As APIs increase in volume, they are becoming an even more valuable target for cybercriminals. Not only do they offer a pathway for hackers to access vast amounts of sensitive data, but security teams often struggle to keep up with the pace of API development in their organization. This session will offer the three most common risks businesses face when deploying APIs and the three most common ways these APIs are targeted.

- Discover the most common API attacks and how to defend against them
- Learn how to uncover deprecated APIs and other common API implementation pitfalls
- Hear ways to protect your mobile APIs from fraud and abuse

Speakers



Ravi Balupari

API Security and other Cloud-Native security solutions, Imperva

Ravi Balupari is leading the product development of API Security and other Cloud-Native security solutions at Imperva. He is also the Co-founder and CTO of CloudVector, industries first API Security solution that was acquired by Imperva in 2021. He has extensive experience in the... [Read More →](#)

Wednesday February 28, 2024 11:00am - 11:25am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [API & Microservices Conference, VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

11:00am PST

[Virtual] PRO TALK: Why Improving Developer Experience Is the Key to Unlocking Developer Productivity: 4 Actions To Brin

Preeti Kota, Atlassian, Head of Engineering for Compass

Today, the role of a developer is becoming increasingly complex. In a you-build-it, you-run-it world devs are asked to do everything from deploying code, monitoring performance, managing infrastructure, worrying about scale on-demand, analyzing data and addressing incidents - in addition to writing code. But increasingly developers feel disconnected from their craft - the complexity of their role is impacting happiness and the quality and speed

of software they produce.

Rather than focusing on developer productivity, teams should focus on fostering “developer joy” by removing friction and empowering teams with practices that grant them greater autonomy. Better developer experiences, not developer productivity is the secret to reconnecting developers with the love of their craft.

In this session, Preeti will discuss four steps to bring “developer joy” back into the software development lifecycle including:

Involve developers in the early stages of product development so they can understand the value they’re creating, build with the customer in mind and create realistic timelines and priorities with leadership.

Let developers use their preferred tools! According to Atlassian’s State of Developer Survey, greater autonomy makes developers happier at work, despite more frequent context switching and increased job complexity (over 80%). We know that no single product can do it all. Instead, an open toolchain coordinated around one core application will let developers work where they want to work.

The productivity cost of context switching. Context switching takes developers out of the zone and can deter them from solving the most complex problems, which deliver huge value for customers. Minimize distractions and keep them in the zone to develop mission-critical work.

Establish clear and agreed upon rituals across your entire software team. Building a high-performing software team requires teams to adopt these rituals, use the top tools and recruit people committed to solving the largest challenges. Teams cannot thrive without each piece of this triad.

Speakers



Preeti Kota

Head of Engineering for Compass, Atlassian

Preeti Kota is the Head of Engineering for Compass at Atlassian. She has over 20 years of experience across a breadth of engineering roles. She is a firm believer that people are at the center of everything we do and is excited to be building Atlassian's Developer Experience Platform.Outside... [Read More](#)



Wednesday February 28, 2024 11:00am - 11:25am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevOps Summit

- **Certificates** DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL, Devtech Strategy Summit
- **In-Person/Virtual** Virtual

11:00am PST

[Virtual] OPEN TALK: Software Lifecycle Odyssey: Navigating Challenges for Business Success

Batuhan Yildiz, Valven, Sr. Product Manager

Software development is a lengthy and complex odyssey, but understanding how to overcome challenges encountered along the way is key to achieving sustainable success in the business world.

In this odyssey, we'll focus on specific challenges within the software lifecycle and delve into actionable strategies to overcome them, all while keeping a keen eye on their direct impact on achieving business success. From inception to implementation, let's navigate the software development odyssey together and uncover the essential keys for triumph in the business realm.

Speakers



Batuhan Yildiz

Sr. Product Manager, Valven

Batuhan is a Sr. Product Manager at Valven Technology. With almost 10 years of experience in both product development and management, he is on a mission to lead software development companies to increase their development cycle visibility and improve efficiency in their organizations...

[Read More →](#)

Wednesday February 28, 2024 11:00am - 11:25am PST

[VIRTUAL OPEN Expo Innovation Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [DevExec Summit](#), [DevLead Conference](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

11:00am PST

[Virtual] OPEN TALK: When Auth Goes Wrong: Debugging Authentication Nightmares

Kevin Gao, Descope, DevRel Engineer

Building and maintaining authentication for an app is a complex, time-consuming process. Despite best efforts, authentication can sometimes turn into a developer's nightmare, negatively impacting user experience, security, and business metrics.

In this session, Kevin Gao from Descope will:

- Delve into some common challenges developers face with authentication
- Share stories from the trenches on how auth can go wrong
- Provide debugging tips to prevent and solve specific authentication issues

Attend this session to arm yourselves with troubleshooting best practices to fix authentication problems when (not if) they happen.

Speakers



Kevin Gao

DevRel Engineer, Descope

Kevin is a DevRel engineer that has been working for the last few years as a software engineer, but has always been fascinated by how customers use and interact with the products and tools he works on. Before Descope, Kevin was a Lead Software Engineer at BoostUp.ai, overseeing the... [Read More →](#)

Wednesday February 28, 2024 11:00am - 11:25am PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Devtech Strategy Summit, Enterprise Summit, Security Summit, VIRTUAL
- **In-Person/Virtual** Virtual

11:00am PST

[\[Virtual\] OPEN TALK \(ProductWorld\): The Mindset and Strategic Blueprint for Revolutionary Software Product Design](#)

Indu Chaube, Cisco, Software Architect and Engineer

Jasmin Guliani, Cisco, Technical Leader

In the fast-evolving landscape of software development, innovation is not merely a choice but an imperative. This conference, "Empowering Breakthroughs," is dedicated to exploring the essential mindset and strategic blueprint necessary for creating revolutionary software products.

Key Discussion Points:

The Innovation Imperative: Understand why innovation is crucial in today's software product design ecosystem and how it fuels market competitiveness.

Cultivating a Creative Mindset: Explore the mindset required to foster innovation, encouraging out-of-the-box thinking among software designers and developers.

User-Centered Design: Delve into strategies for putting the user at the center of the design process, resulting in products that resonate and excel in user experience.

Agile and Lean Methodologies: Learn how agile and lean approaches can streamline development processes, enabling rapid prototyping and quicker time-to-market.

Balancing Creativity with Practicality: Discuss the art of finding the equilibrium between innovation and practicality, ensuring that innovative ideas are implementable.

Cross-Functional Collaboration: Understand the significance of collaboration between designers, developers, and other stakeholders in the software product design process.

Embracing Emerging Technologies: Explore how emerging technologies, such as AI, blockchain, and IoT, are shaping the future of software product design and how to harness their potential.

Ethical Considerations: Delve into the ethical dimensions of software product design, including data privacy, security, and responsible AI.

Measuring Impact: Discuss methods and metrics for evaluating the impact of innovative software product design on businesses and end-users.

This conference brings together industry leaders, innovators, and thought leaders to share insights, strategies, and best practices for driving software product design to new heights of innovation. Participants will leave with a deepened understanding of the mindset required for revolutionary software product design and a practical roadmap for achieving it.

Speakers



[Indu Chaube](#)

Software Architect and Engineer, Cisco Systems

Indu Chaube is a highly accomplished software architect and visionary leader with more than a decade-long track record in software product design and development, encompassing User Interface, User Experience, and web API domains. Collaborating with industry giants like Cisco and SAMSUNG... [Read More →](#)

Wednesday February 28, 2024 11:00am - 11:25am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, ProductWorld, VIRTUAL, Product Management Software & Innovation (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)
- **In-Person/Virtual** Virtual

11:00am PST

[Virtual] PRO WORKSHOP: Unleashing the Power of Message-Driven Architectures

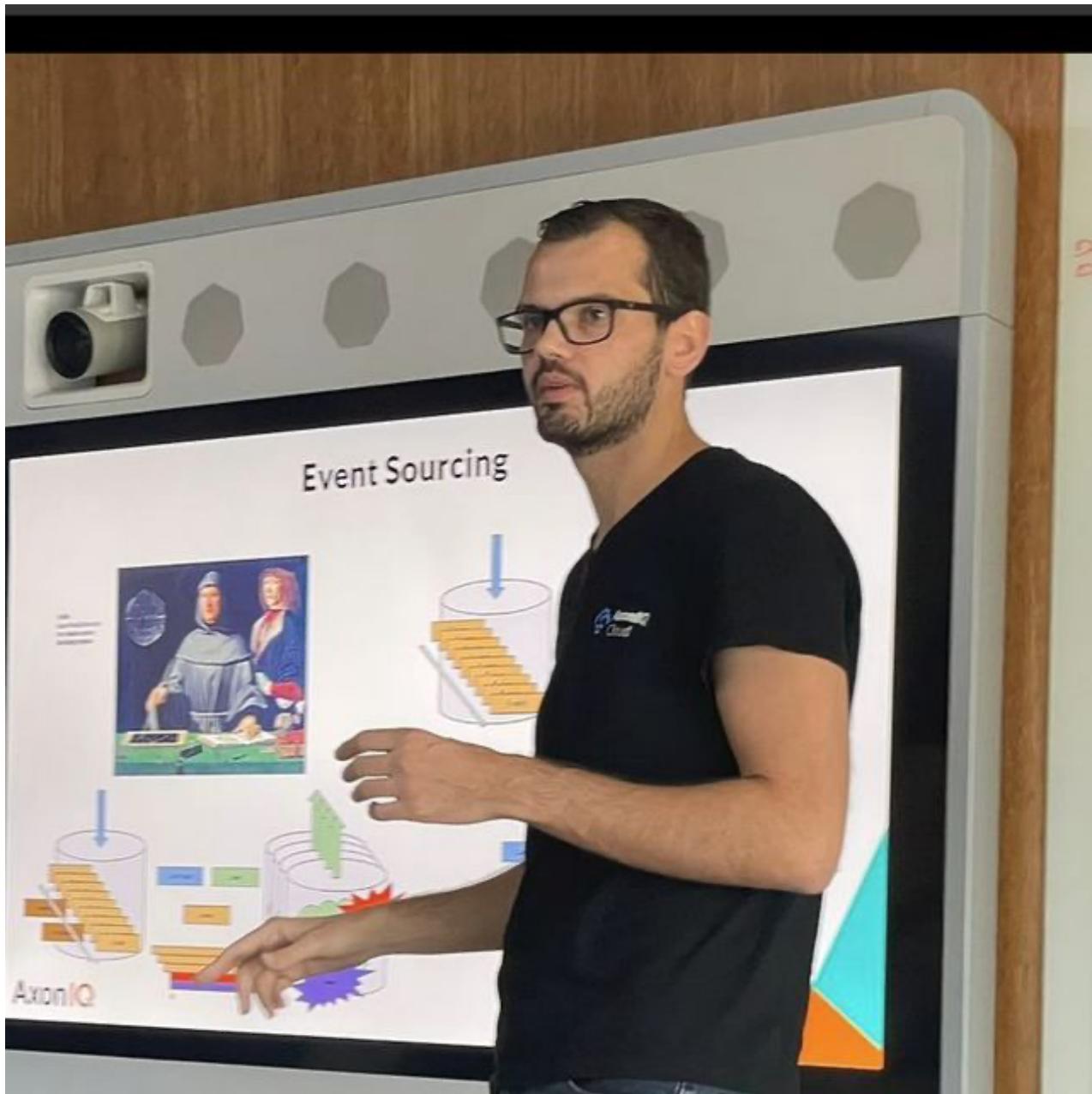
Mitchell Herrijgers, AxonIQ, Senior Solutions Architect

In today's fast-paced and interconnected world, software systems face the challenge of handling complex communication patterns. Message-driven architectures have revolutionized how components, systems, and services interact, providing a seamless communication experience. However, constructing a reliable and understandable message-driven system involves several crucial elements and considerations.

We will delve into the intricacies of building such systems, covering aspects ranging from message modeling to the requirements of a proper message bus while addressing the inherent challenges of eventual consistency.

You will become aware that the world of messages does not solely consist of events, that a technical name for a message is not necessarily the best, and location transparency is the most powerful property your message handlers can have. Are you ready for the truth? Then join me on this journey!

Speakers



[Mitchell Herrijgers](#)

Senior Solutions Architect, AxonIQ

Mitchell Herrijgers is a Solution Architect at AxonIQ, helping customers build the best version of their applications by providing modeling tools and development support. His true passion is to make the lives of other developers easier by providing IDE plugins, improving documentation...

[Read More →](#)

Wednesday February 28, 2024 11:00am - 11:50am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO WORKSHOP
- **Track or Conference** API & Microservices Conference, DevLead Conference, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] Sponsor Spotlight: Valven (Live Demo, Live Q&A (post speaking session))

Introduction to Valven Atlas, AI-Powered
Engineering Assistant

Sponsors

VALVEN

Valven

Valven prioritizes data-driven software development and productivity. In parallel with our vision to improve the productivity of software development teams, we have created Valven Atlas, an AI-powered engineering assistant. Valven Atlas helps visionary team leaders who want to reach... [Read More →](#)

Wednesday February 28, 2024 11:30am - 11:45am PST

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL, OPEN Talk
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] KEYNOTE: Red Hat -- Driving Innovation through the Open Hybrid Cloud & Open Source AI

Ignacio Riesgo, Red Hat, Senior Director, Developer Marketing & Strategy

Every company is now a Hybrid Cloud company leveraging a multi-cloud environment to manage their business and drive innovation. Open Source is the fuel driving the movement with microservices, containers, Kubernetes and AI incubated, developed and optimized in an Open Source environment. The challenge can be keeping track of what is coming next, staying ahead of the technology curve, to position your organization for continued success.

At Red Hat, Hybrid Cloud is the foundation of everything we do, leveraging Open Source in a multi-cloud environment to kickstart innovation. With the advent of Generative AI as an accelerant to business transformation, having an Open Source strategy for AI empowers organizations to harness the full potential of their data and technology stack. We will share innovations available today -- and new technologies and approaches currently in development that will accelerate development cycles and optimize your cloud performance.

Speakers



Ignacio Riesgo

Senior Director, Developer Marketing & Strategy, Red Hat

Ignacio Riesgo is Senior Director, Developer Marketing & Strategy, Global, for Red Hat. In his role, he leads all Developer Outreach Programs, Content and Advocacy initiatives.

Wednesday February 28, 2024 11:30am - 11:55am PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, DevLead Conference, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] PRO TALK: Magic of Automation and Everyday Chores

Mike Hansen, Sonatype, SVP of Engineering

What if you had a magic wand that could help you do your everyday chores? With the rise of magical AI systems like ChatGPT is this becoming a reality? Other than creating some basic code, writing tv scripts and generally scaring society a little, what else could this magic be used for?

Developers all have similar repetitive responsibilities that realistically after a few times seem like plain sense. That could be something like creating the bare bones of an application, checking PR's for best coding practices, finding bugs in your code, or checking your dependencies to make sure they are not vulnerable. The potential of AI systems in everyday developer life is huge!

In this session, we will talk about the current state of AI, how it is changing our lives and what tools that leverage this magic are available today that can make us more productive. Mastering the dark arts of automation and knowing what AI is capable of can allow us as developers to spend more time doing other things while making our applications more secure, performant, durable, and maintainable. While this magic is not going to replace us any time soon, it sure can make our lives much easier!

Speakers



[Mike Hansen](#)

SVP of Engineering, Sonatype

As the head of engineering for Sonatype, Mike brings more than 20 years experience building and leading global product development organizations in the creation of new market innovations ranging from start-ups to the Fortune 100. He's been at the leading edge of innovation in areas... [Read More →](#)

Wednesday February 28, 2024 11:30am - 11:55am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
AI & Machine Learning Conference

- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST
[Virtual] PRO TALK: Building Friction-Free Products on Public APIs

Kyle Fowler, Foursquare, Senior Director of Engineering

In this session, Kyle Fowler, Senior Director at Foursquare, will share a product team's journey in transforming product specific APIs built to support owned and operated apps into versatile general-purpose APIs that enable location-centric experiences in any application. Using Foursquare's mobile dev toolkit as a case study, Kyle will explain how to level-up the developer workflow by offering enhanced features, easy implementation and ultimately, better personalized location awareness. Developers and engineering leaders will leave this session with a fresh perspective on how to gain a competitive edge by enabling a friction-free integration with their APIs.

Speakers



[Kyle Fowler](#)

Senior Director of Engineering, Foursquare

As Senior Director of Engineering, Kyle Fowler leads the development of our core enterprise data products. In addition to our Places and Visits products, Kyle and his team are responsible for the Foursquare developer tools, such as Pilgrim SDK and the Places APIs, as well as Foursquare's... [Read More →](#)

Wednesday February 28, 2024 11:30am - 11:55am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
API & Microservices Conference

- **Certificates** DevOps Certificate, API Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] PRO TALK: The Role of Generative AI in Hybrid Cloud Security

Mike Milner, Trend Micro, VP Cloud Technology

As enterprise security operations centers (SOCs) absorb cloud security functions, new cybersecurity challenges will emerge. Could generative AI be one solution to this organizational shift? While generative AI is still in its early stages and benefits are often exaggerated due to the hype, the technology can help by laying a secure cloud foundation and empowering SOC teams to respond effectively when threats arise. This session will consider the role of generative AI in hybrid cloud security, including whether it could be used to quickly establish where the enterprise environment is most at risk when facing a potential threat; how Cloud AI companions might speed up infrastructure creation; whether they can enable non-cloud specialists to solve security problems; and if this technology shift might reduce friction between dev and security teams.

Speakers



[Mike Milner](#)

VP Cloud Technology, Trend Micro

Mike Milner is the VP Cloud Technology at Trend Micro. He's experienced the breadth of opportunities technology and data intelligence have created for businesses and governments. Between fighting cybercrime for the Canadian government and working for security agencies overseas... [Read More →](#)

Wednesday February 28, 2024 11:30am - 11:55am PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST
[Virtual] OPEN TALK (ProductWorld): Growth Beyond Boundaries: The Product-Led Way

Priya Singh, Informatica, Principal Product Manager

Product-led growth (PLG) is a business strategy and growth model that prioritizes the product itself as the primary driver of customer acquisition, retention, and expansion. This approach shifts the focus away from traditional

sales and marketing methods to rely more on the inherent value and usability of the product to attract and retain customers. Join this session to get key insight and examples of how Product Led Growth has led to streamline adoption, enhance user satisfaction, and achieve sustainable growth in a competitive market .

Speakers



[**Priya Singh**](#)

Principal Product Manager, Informatica

14 years of experience in Product design , development and Product Management . A results-driven professional, Priya combines a deep understanding of market trends with a passion for user experience, ensuring that every product under her purview is not just functional, but also resonates... [Read More →](#)

Wednesday February 28, 2024 11:30am - 11:55am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, VIRTUAL, Product Manager Roundtable Talks (ProductWorld), Product Management Software & Innovation (ProductWorld)
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] OPEN TALK: Monorepos Don't Have to Suck

Ankit Jain, Aviator, Cofounder & CEO

In this talk, we will delve into the ongoing discourse surrounding monorepos and polyrepos. We will explore why monorepos are hard to manage and present a fresh perspective on rethinking monorepos as a collection of multiple repositories to enhance scalability.

While various tools like Bazel, Gradle, NX, and Turborepo assist teams in handling builds within a monorepo, there remains a broader spectrum of considerations for the entire development workflow. From code reviews and ownership to code merging, deployment, release management, auditing, debugging, and monitoring, we'll examine the comprehensive landscape.

Discover how the implementation of a single source of truth for identity

throughout the development workflow can streamline monorepo management, offering insights and strategies for a more efficient and effective development process.

Speakers



Ankit Jain

Cofounder & CEO, Aviator

Ankit is a co-founder and CEO of the developer experience platform Aviator Technologies and he also leads the ex-Google alumni network (Xoogler.co). Previously he led engineering teams at Sunshine, Homejoy, and Shippo. Prior to that, Ankit was also an EIR at Unshackled Ventures and... [Read More →](#)

Wednesday February 28, 2024 11:30am - 11:55am PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Dev Innovation Conference](#), [DevLead Conference](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

11:30am PST

[\[Virtual\] OPEN TALK: The Subtle Art of API Rate Limiting](#)

Adrian Machado, Zuplo, Senior Software Engineer

Let's talk about what really matters when it comes to API rate limiting. Spoiler: it's not token-bucket algorithm vs sliding window! Here, we get into the nitty-gritty of what really matters when protecting your API and balancing the tradeoffs of consumer experience and performance.

Speakers



Adrian Machado

Senior Software Engineer, Zuplo

Adrian is a senior software engineer at Zuplo, building products API developers love. Formerly a tech lead at Meta.

Wednesday February 28, 2024 11:30am - 11:55am PST

VIRTUAL OPEN Expo Innovation Stage [https://app.events.ringcentral.com/events/developerweek-](https://app.events.ringcentral.com/events/developerweek-2024/sessions)

2024/sessions

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

12:00pm PST

[Virtual] Sponsor Spotlight: Scramjet (Live Demo)

What the FaaS? How to make cloud functions easy again?

Sponsors



scramjet

Scramjet

Scramjet instantly connects diverse data environments, streamlining integration with real-time scalability and efficiency.

Wednesday February 28, 2024 12:00pm - 12:15pm PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:00pm PST

[Virtual Exclusive] PRO TALK: Quality Assurance as a DevOps Touchstone

Mesut Durukal, Indeed, QA Lead

Quality assurance is an important pillar of DevOps. It is important to understand the real value and ways to ensure that it brings value. Beyond measuring coverage, what are the ways to evaluate the effectiveness of testing? Let's discuss the importance of QA and doing it in the correct way.

Problem:

Fast delivery is one of the biggest challenges nowadays, just as the quality. Achieving both is the key to happy users and customers. In this regard, test automation is very important but reliability and efficiency are not a piece of cake. In most test automation projects, I saw people complaining about escaped bugs and flaky tests.

Solutions:

To manage the quality assurance issues, I have started several initiatives. What I did & what worked: I have talked to all parties in the organization to encourage holistic QA. This helped us achieve early QA involvement and deal with testability. I improved the reusability in the test automation frameworks which reduced maintenance efforts. To measure the quality assurance activities' contribution, I defined several OKRs and built monitoring platforms.

Speakers



Mesut Durukal

QA Automation Engineer, Indeed

https://drive.google.com/file/d/1IKTxhk1KEhXBw4kJRTBnHrfusn1S6-Yi/view?usp=share_link

Wednesday February 28, 2024 12:00pm - 12:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevOps Summit

- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL

- **In-Person/Virtual** Virtual, Virtual Exclusive

12:00pm PST

[Virtual] OPEN TALK: Building a Better Kubernetes Platform: The Art of Kubernetes Right-Sizing

Robert Brennan, Fairwinds, Vice President, Product Development

To achieve right-sizing in Kubernetes, you can use tools and practices like monitoring, autoscaling, and resource requests and limits. Regularly reviewing and adjusting your resource allocations based on real usage and performance metrics is essential. See how Robert Brennan, VP of Fairwinds uses Fairwinds Insights to take the guesswork out of CPU, memory, disk and network allocation. Right-size Kubernetes to identify savings, make performance improvements or both.

Get accurate and actionable resource recommendations

Identify areas of wasteful CPU and memory spend

Find opportunities to reduce costs without impacting application performance

Speakers



Robert Brennan

Vice President, Product Development, Fairwinds

Robert drives software initiatives at Fairwinds with a heavy focus on open source. He has worked for years on developer tooling and software infrastructure, focusing on the development of software that abstracts away

the complexity of underlying infrastructure to enable an optimal... [Read More](#)
→

Wednesday February 28, 2024 12:00pm - 12:25pm PST

[VIRTUAL OPEN Expo Innovation Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL, DevLead Conference, DevOps Summit
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:00pm PST

[Virtual] PRO WORKSHOP: Pair Programming With GitHub Copilot

Frederieke Scheper, Ordina, Java architect

In the dark ages of the pandemic, we learned that Sinéad O'Connor was so right with her song "Nothing Compares 2 U". There's nothing like working together side by side with your colleagues. Especially pair programming. Or is there?

In this slideless session, I'll be live coding Java and Python services together with GitHub Copilot. Let's see if it lives up to its promise: "Focus on solving bigger problems by spending less time creating boilerplate and repetitive code patterns and more time on what matters: building great software."

Speakers



[Frederieke Schepers](#)

Java architect and CodeSmith, Ordina

With more than 15 years of enterprise Java experience, Frederieke has worked with all the usual technologies in the Java ecosystem. Her expertise includes Reactive messaging, Kafka, JAX-RS, JSON binding, Java persistence, Spring and various front-end technologies. Since the advent...

[Read More →](#)

Wednesday February 28, 2024 12:00pm - 12:50pm PST

[VIRTUAL PRO Stage B](https://app.events.ringcentral.com/events/developerweek-2024/sessions) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Data Engineering Conference](#)

- **Talk Type** PRO WORKSHOP
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL, Data Engineering Conference

- **In-Person/Virtual** [Virtual](#)

12:00pm PST

[Virtual] OPEN TALK: The Hidden Taxes of Open Source, and How to Avoid the Tax Man

Mike Hansen, Sonatype, SVP of Engineering

As developers, we are at the leading edge of innovation for our organizations. While we have to contend with technical debt and application security and code maintenance, the more time we can devote to creating innovative value, the more effective the engineering investment - and the more fulfilling the work! The massive adoption in the use of open source has provided the software development discipline enormous benefit. However, this "outsourcing" has led to the creation of the modern software supply chain, with a vast array of complexities that can ultimately be avoided. Solutions that allow for effective management of these supply chains lead to better and faster decision making resulting in improved productivity and risk reduction.

Especially in the current economic climate, the entire industry is asking how can I save time and money and still go faster? For developers, that question gets answered easily with effectively automating my open source dependency management.

In this talk, we will review the history and evolution of how we have leveraged open source and shine a light on some material opportunities that exist to improve our development effectiveness in OSS usage and risk minimization. The conclusions and recommendations are based on a behavioral analysis performed across millions of applications, the open source software associated with them and the tens of millions of dependency management decisions that were made during development. Not surprisingly, without the necessary data and intelligence, we often don't make the best decisions. And even with the right data and intelligence, the absence of the right automation still holds us back.

Speakers



[Mike Hansen](#)

SVP of Engineering, Sonatype

As the head of engineering for Sonatype, Mike brings more than 20 years experience building and leading global product development organizations in the creation of new market innovations ranging from start-ups to the Fortune 100. He's been at the leading edge of innovation in areas... [Read More →](#)

Wednesday February 28, 2024 12:00pm - 12:50pm PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [DevOps Summit](#), [Enterprise Summit](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

12:00pm PST

[Virtual Exclusive] PRO TALK (ProductWorld): Demystifying Two-Pizza Teams: Product Delivery's Secret Weapon

Mariya Breyter, Amazon, Head of Product Management

Did you notice that by applying scaled agile frameworks, companies frequently increase process overhead and slow down product delivery? In this talk, we are going to explore real-world examples showing how the concepts of a “two pizza team” and “product flywheel” expedite delivery in an organic and customer-centric way, without any overhead. It will equip participants with innovative ideas on how to reduce product dependencies at scale and enable them to create their “flywheels” that self-propel product delivery.

Speakers



Mariya Breyter

Head of Product Management, Payables Tech, Amazon

Mariya Breyter is a business and IT executive with twenty years of experience ranging from government jobs to versatile corporate experience in large-scale technology (Amazon), financial services (Goldman Sachs), startups, healthcare, media, and education with a passion for leading... [Read More →](#)

Wednesday February 28, 2024 12:00pm - 12:50pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Talk Type** PRO TALK
- **Track or Conference** VIRTUAL, ProductWorld, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:30pm PST

[Virtual Exclusive] PRO TALK: Kill Regression

Valentin Ranshakov, SAP Signavio, Quality Expert

In the fast-paced world of agile software development, efficiency and speed are key factors to success. Regression testing, while a powerful tool, may not always be the most practical solution in such environments. While this form of testing has traditionally been used to identify defects and issues with software, the process can be slow, expensive, and can impede development teams from experimenting with new code on production.

For these reasons, many organizations have shifted their focus towards developing tools and environments that support testing on production. By leveraging tools like canary releases, shadowing traffic, and beta testing, developers can collect sufficient data points to ensure that a release is stable without the need for regression testing. These tools allow for more streamlined and efficient feedback on code changes, enabling engineers to experiment with new code and quickly identify and address any issues that may arise.

Speakers



Valentin Ranshakov

Quality Expert, SAP Signavio

Valentin is a quality software wizard, with over a decade of experience in the fast-paced world of extreme scrum and agile environments. He's a master of effective software quality assurance and testing, and he's always pushing the boundaries of what's possible. Today, Valentin is... [Read More →](#)

Wednesday February 28, 2024 12:30pm - 12:55pm PST

[VIRTUAL OPEN Workshop Stage 1](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[API & Microservices Conference](#)

- **Certificates** [Data Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:30pm PST

[\[Virtual Exclusive\] PRO TALK: Wait...Can My Browser Do That??](#)

Francesco Leardini, Accenture, Principal consultant

We have new powerful instruments to leverage current web apps and provide a richer experience to our users. With the aim of modern web APIs, it is possible to design completely new functionalities and explore unique technological combinations, changing the way we develop and interact with web apps. We can directly use hardware devices and just through our browser! Let's explore some of the most exciting APIs and see how we can combine them to unlock new scenarios and give superpowers to our web apps.

Speakers



Francesco Leardini

Principal consultant and Angular trainer, Accenture

Francesco works as a principal consultant and Angular trainer. He fell in love with Angular, PWAs, modern web and always looking for new ways to combine them in his projects. He also shares what he learned by talking at international conferences and local meetups. When not busy developing...

[Read More →](#)

Wednesday February 28, 2024 12:30pm - 12:55pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference, JavaScript Conference, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:30pm PST
[Virtual Exclusive] OPEN TALK (ProductWorld):Product Centricity and Agility:
Mega Powers Combined

Robert Clawson, Discover Financial Services, Agile and Product Dojo Coach

In software development two themes run rampant which are complementary yet distinct: Product Centricity and Agility. Even specialists of these areas might not be familiar with how they are different, what their divergent priorities are, and how to align when trying to decide on where to fall on the continuum between the two. Hear about how these Mega Powers can either

work together or explode! Learn how organizations like Discover use dojos and academies to help product leaders and agile coaches align to drive innovation and continuous improvement while staying true to product vision and organizational outcomes.

Speakers



Robert Clawson

Agile and Product Dojo Coach, Discover Financial Services

Robert is a talented, energetic, and insightful coach focused on helping teams align on their best way of working to build trust and accountability. He has spent more than a decade in the IT field with a primary focus on agile framework, product development, and software quality... [Read More →](#)

Wednesday February 28, 2024 12:30pm - 1:20pm PST

[VIRTUAL DeveloperWeek Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

[ProductWorld](#)

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), Product Management Software & Innovation (ProductWorld), VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

1:00pm PST

[\[Virtual\] Sponsor Spotlight: Scramjet \(Live Demo\)](#)

A race against time to connect two remote internal endpoints to build a virtual cloud-like environment in 5 minutes.

Sponsors



scramjet

Scramjet

Scramjet instantly connects diverse data environments, streamlining integration with real-time scalability and efficiency.

Wednesday February 28, 2024 1:00pm - 1:15pm PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

1:00pm PST

[Virtual] PRO TALK: How to Cure Generative AI Hallucinations with Observability

Jemiah Sius, New Relic, Director of Developer Relations

Generative AI (GenAI) applications are known to “hallucinate,” or confidently respond with false or made up information. Hallucinations are one of the biggest drawbacks to using this tech and are also famously hard to detect, prevent, and fix. But, researchers and engineers are racing to solve this problem as GenAI adoption increases.

So, for a DevOps team adopting this tech now, what’s the best way to tell when hallucinations happen, and most importantly, why?

Engineers, and the company’s bottom line, need a way to trace the path of the response—from the user’s prompt and integration with a large language model (LLM) to work by agents, API calls, and back to the end user. By monitoring every step, engineers can learn where hallucinations originate and apply a potential fix, like adding more context to the prompt or ensuring the LLM is re-summarizing responses accurately, so they can quickly take action and improve the quality of their results.

In this session, Jemiah Sius, director of developer relations at New Relic will explain how companies can use observability to help prevent GenAI hallucinations and share ways DevOps teams can improve their LLM integrations with context, agents, chained models, and more—with a focus on how to do it affordably.

In his role, Jemiah leads a global team focused on solving friction points for

engineering teams—keeping them at the center of New Relic’s innovation strategy—so they can more easily find and fix issues before they impact their business and customers.

With that, he understands the challenges DevOps teams face and how, if deployed strategically, GenAI solutions can help solve those challenges.

Speakers



Jemiah Sius

Director of Developer Relations, New Relic

Jemiah is a Full-stack Engineer with 7 years of experience as a Marketing Director. His unique marketing background allows him to lead projects from conceptualization to a fully actualized product that aligns with the client's vision. His experience involves: designing and developing... [Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO TALK: developer.sas.com 2.0: How We Built It

Joe Furbee, SAS Institute, Developer Advocate and Developers Community Manager

Sure, we could have hired someone to (re)create our developer portal, developer.sas.com; however, we wanted the freedom to use our creativity and build our portal from the ground up. This session provides an overview of the steps we took to relaunch the SAS AI and analytics platform developer portal. Who was involved? What did we want to build? How did we go about accomplishing all this? We found out early on we needed more than an API architect and a developer advocate to create a modern, interactive developer experience. We needed front-end and API pipeline developers, UI designers, IT and hosting support, documentation, a marketing strategy, legal signoff, security, etc. SAS recognizes the importance of integration with open-source technologies and is investing in a world-class developer portal that will help developers work with SAS AI and analytics in new and exciting ways. The updated portal focuses on SAS APIs and use cases. It also provides resources for open-source integration with SAS software, SAS Viya programming, SDKs, and other SAS solutions - all focused on the developer's perspective. This is not a marketing pitch to promote the new portal. It is intended to cover the process we followed to deploy our site, who was involved, and things we hadn't thought about, but came up. And always, doing things with our developers in mind.

Speakers



[Joe Furbee](#)

SAS Developer Advocate and Developers Community Manager, SAS Institute

As a developer advocate at SAS, Joe serves as a liaison between the developer community and SAS technologies. He oversees developer.sas.com, which provides resources for developers on the SAS AI and analytics platform and open source, and writes articles on programming and SAS administration... [Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, API & Microservices Conference, VIRTUAL, Devtech Strategy Summit
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] OPEN TALK: Monolith to Microservices with the Axon Stack

Ben Runchey, AxonIQ, Solutions Architect

Explore how the use of messaging as the foundation for communication within your services can provide you an effective roadmap to help your migration to microservices. Using Axon Server along with the Axon Framework we will demonstrate how to structure, run, and monitor your applications so they are able to effectively scale out (or up) to achieve your goals.

Speakers



[Ben Runchey](#)

Solutions Architect, AxonIQ

Ben Runchey is a Solutions Architect at AxonIQ where he helps customers find the best balance between business and tech when designing and developing their applications. He has been building messaging centric applications for the past 15 years on a variety of platforms from .NET to...

[Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, AI & Machine Learning Conference, VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

1:00pm PST

[Virtual] OPEN TALK: Unwind: Breaking the Psychology of Vendor Lock-in

Billy Thompson, Akamai, Cloud Engineering Manager

Do you base your goals and success criteria on what's good for you? Or what's good for your cloud provider? The phenomenon of vendor lock-in is widely acknowledged to over-sell and under-serve us, so why is this so prevalent? A cloud agnostic approach is a durable and highly sought after strategy, but it requires more than just redrawing an architecture. In this talk we'll explore the narratives and psychological aspects that shape our choice of tooling, and the art of the possible when that tooling works for us.

Speakers



[Billy Thompson](#)

Cloud Engineering Manager, Akamai

Billy Thompson is a Cloud Engineering Manager for Akamai Cloud Computing Services, helping customers design portable architectures and deploy them at scale. Billy holds an InfoSec degree and has a special interest in DevOps, Cloud-native and open source technologies, as well as Python...

[Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO TALK (ProductWorld): API as a Product: Building Bridges Across the Enterprise

Tea Berg, Thrivent, Sr. Product Manager

Whether you work in a small startup or a large corporation, the truth is - everyone wants data. One of the simplest ways to provide data from various dinosaur legacy systems is by building API service integrations. As a product manager, how can you ensure that you are building the right product, and at the same time building the product right? This session will focus on the art of productizing data and APIs, share strategies on how to define a true MVP, and walk through an end-to-end iterative API product journey using a real world example.

Speakers



[Tea Berg](#)

Sr. Product Manager, Thrivent

With over a decade of experience in product roles across consulting and financial services, Tea is currently serving as a Sr. Product Manager for Enterprise Integrations at Thrivent. In her free time, she loves to walk her dogs around 10,000 lakes of Minnesota, and is a fierce champion... [Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

[VIRTUAL PRO Stage B](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[ProductWorld](#)

- **Certificates** [API Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** ProductWorld, API & Microservices Conference, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld), Product Manager Roundtable Talks (ProductWorld)
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO TALK (ProductWorld): Walking the Tight Rope: Product Strategy for a Two-Sided Marketplace

Kunal Chhabaria, Walmart Connect, Senior Product Manager

Building a marketplace product is a tremendous task and the task becomes exponentially challenging when one envisions a two-sided marketplace product. In this talk, I aim to cover what a two-sided marketplace is, how could one decide the side (supply or demand) they should focus on when starting, when to pivot and what are the checks and balances to have in place to increase the chances to success.

Speakers



Kunal Chhabaria

Senior Product Manager, Walmart Connect

Hi, I'm Kunal! I'm a Senior Product Manager at Walmart Connect and am focused on building machine learning based bid and budget recommendations for advertisers on Walmart's digital platforms. I have close to 5 years of Product Management Experience and worked as a part of the Tata Group's... [Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Product Management Software & Innovation (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] PRO TALK: The Critical Role of Security in Internal Developer Platforms

Rob Fletcher, DevZero, Co-Founder & COO

Internal Developer Platforms (IDPs) have become an essential tool for modern software development, enabling organizations to deliver software faster and more efficiently. However, as IDPs rely heavily on cloud infrastructure and services, security has become a critical concern. This session aims to explore the importance of cloud security in IDPs and provide insights into what to look for when choosing an IDP with a security-first approach.

In this session, we will delve into the various aspects of cloud security, from

data protection and access control to compliance and incident response. We will also explore the best practices for integrating security into every stage of the software development life cycle, fostering a culture of 'security by design'.

Key takeaways from this session will include:

An understanding of the critical role of cloud security in IDPs and cloud-based development.

Best practices for integrating security into every stage of the software development life cycle.

A checklist of what to look for when choosing an IDP with a security-first approach.

Join us to learn how to make security an integral part of your development process, not an afterthought.

Speakers



[Rob Fletcher](#)

Co-Founder & COO, DevZero

For nearly two decades, Rob led security and engineering teams at some of the world's most elite technical organizations including Facebook and Uber. As COO of DevZero, he brings strong product security skills with a deep understanding of how to integrate product milestones and... [Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Security Summit

- **Certificates** Security Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, VIRTUAL, Enterprise Summit, Security Summit
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] OPEN TALK: AI Made Just for You: The Power of Hyper-Contextualization.

João Batista, StackSpot, Product Manager

Luiz Gustavo Borges, StackSpot, AI Specialist

In a realm often saturated with predictable discussions about artificial intelligence, StackSpot is pioneering a fresh approach to Gen AI. This approach is contextualized, aimed at empowering developers to not only comprehend, document, and test legacy code but also facilitate its seamless transition. The result? A remarkable surge in productivity and an astounding potential to expedite software deployment.

Ditching the clichés, StackSpot's innovative utilization of Gen AI redefines the landscape, forging a tangible bridge between technology and practicality, for software engineering teams.

Speakers



João Batista

Product Manager, StackSpot

Born in Brazil, he studied Electronic Engineering in Florianópolis and London and has worked in companies based in Brazil, USA and also China. He is passionate about developing high-quality products with emphasis on customers' needs. Additionally, he has always been enthusiastic... [Read More](#)



[Luiz Gustavo Borges](#)

AI Specialist, StackSpot

Graduated in Computer Science in 2019 from the Federal University of Uberlândia with a 1-year exchange at the Florida Institute of Technology through the Science without Borders program. Luiz specialized in backend, primarily JVM, now Python, and has more than 6 years of experience... [Read More →](#)

Wednesday February 28, 2024 1:00pm - 1:50pm PST

[VIRTUAL OPEN Workshop Stage 1](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

1:15pm PST

[Virtual] Sponsor Spotlight: Zuplo (Live Demo, Live Q&A (post speaking session))

Learn about the OpenAPI standard, and how you can use it to power and connect each piece of your API's lifecycle.

Adrian will be leading the activity.

Sponsors



Zuplo

API Management is broken.Zuplo is reinventing the API gateway / API Management market with a focus on Developer Experience, speed, collaboration and improving outcomes for API owners. Ship a stripe quality API in record time and bring order to the chaos of your API sprawl.

Wednesday February 28, 2024 1:15pm - 1:30pm PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>
OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] PRO TALK: Combatting API Vulnerabilities with the 3 Pillars of API Security

Dan Barahona, APIsec University, Founder

In this session we will address the pressing issue of API security, investigating why APIs have become the "most frequent attack vector" according to Gartner, and analyzing real-world API breaches. Drawing from the recently released 2023 OWASP API Security Top 10, we will uncover the common vulnerabilities that expose APIs to exploitation. By understanding the 3 Pillars of API Security, encompassing governance, testing and monitoring, attendees will gain a comprehensive understanding of the essential elements required to safeguard APIs. The session will conclude with practical insights, offering best practices and valuable do's and don'ts for implementing and maintaining secure APIs.

Speakers



Dan Barahona

Founder, APIsec University

Dan is a 20+ year cybersecurity veteran, having held exec positions at companies including Qualys, ArcSight, Anomali and APIsec. He founded APIsec University in 2022 to offer free, non-vendor training on API security. The site has grown to over 50,000 students in its first 6 mont... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST
[Virtual Exclusive] PRO TALK: Building Diverse Engineering Teams That Drive Success

Pedro Canahuati, 1Password, Chief Technology Officer

In the ever-evolving tech landscape, diversity, equity and inclusion are more than just buzzwords; they are the pillars upon which innovation thrives. As a Latinx leader, 1Password CTO Pedro Canahuati finds that by opening the door for others with diverse backgrounds and non-traditional career paths, he's able to enrich the tech industry, spark innovation across all levels, and pave the way for a more inclusive, vibrant environment.

For true success, there also needs to be a focus on building better people and ensuring employees find a sense of happiness and fulfillment in their work. Pedro believes the secret to products that exceed expectations lies in building strong, diverse engineering teams and, maybe more importantly, keeping them happy by connecting employees emotionally to their work.

Burnout is prevalent among 80% of engineers, and a drastic change is needed to break this dangerous pattern.

This session will discuss his approach to building diverse, high-performing and highly-satisfied engineering teams:

- Flipping the "funnel problem" on its head. It's not a pipeline problem; it's a personal bias problem. We have created a narrow definition of what the 'best engineer' will look like, where they will come from, and what their background must be.
 - Uncovering motivations to turn outsiders into strong leaders. It's when humans are happy that we can truly understand what motivates them and what doesn't. Then, leaders can begin to shape roles for their team around those triggers to create more fulfilled, satisfied engineers.
 - Unlocking happiness and creating emotional connections to work to build better products. One essential factor that helps connect people emotionally to their work is to create an environment that allows for risk and failure. Lead by example and encourage exploration. Allow a healthy portion of your employees' roles to be new, "risky" thinking.
-

Speakers



Pedro Canahuati

Chief Technology Officer, 1Password

Pedro Canahuati is the chief technology officer (CTO) of 1Password. Prior to 1Password, Pedro spent 12 years at Facebook where he held a number of roles committed to scaling its global infrastructure and ensuring 24x7 availability by developing a new industry standard for operations... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

[VIRTUAL PRO Stage A](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[DevLead Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** DevLead Conference, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

1:30pm PST

[Virtual] PRO TALK: The Power of Developer Advocacy in Driving Tech Adoption and Innovation

Pratim Bhosale, SurrealDB, Developer Advocate

In today's rapidly evolving tech landscape, getting developers to adopt new products or technologies can be a Herculean task. However, effective developer advocacy can accelerate adoption and foster innovation and community engagement. This talk delves into the critical role of developer advocacy in shaping the tech industry, drawing on real-world examples like the rise of Android and the community-driven growth of SurrealDB.

What Will the Audience Learn?

Understanding Developer Advocacy: A brief overview of developer advocacy and why it's more crucial now than ever for tech companies.

Case Studies in Success: How Android and SurrealDB leveraged strong developer relationships to become industry leaders.

The Multifaceted Role of Developer Relations: Exploring the key areas under developer relations, including community building, developer education, technical evangelism, and developer experience.

The Social and Ethical Impact: How developer advocacy can guide ethical use and social responsibility in tech products.

Future of Developer Advocacy: A look at the evolving role of developer advocacy in the age of AI and why it's a field ripe for innovation and creativity.

This 25-minute session aims to provide valuable insights for business leaders, product managers, and developer advocates on how a well-executed developer advocacy strategy can significantly impact business and product success.

Speakers



Pratim Bhosale

Developer Advocate, SurrealDB

Pratim Bhosale is a Backend Developer turned Developer Advocate and a Public speaker. Pratim has worked with multiple startups and MNCs and helped them scale their backend and community. Pratim currently handles Developer Relations for SurrealDB. In her leisure time, Pratim writes... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

[VIRTUAL PRO Stage C](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[DevLead Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** DevLead Conference, VIRTUAL, Devtech Strategy Summit
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] OPEN TALK: Choosing the Right Platform for Your .NET UI Application Development

Hunter Haaf, MESCIUS, Technical Engagement Engineer

This will be a beginner, high level overview of .NET that will show the full breadth of application types you can build. It will also demonstrate how the platforms are structured, and pros/cons of similar platforms (i.e. Blazor vs ASP .NET MVC and WinForms vs WPF, etc).

Speakers



[Hunter Haaf](#)

Technical Engagement Engineer, MESCIUS inc.

As a Technical Engagement Engineer for MESCIUS inc., Hunter Haaf supports the entire span of Microsoft development platforms. He enjoys learning about the latest technologies developers are using. Previously, he worked in a computational biology lab at the University of Pittsburgh... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

VIRTUAL OPEN Expo Discovery Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** Devtech Strategy Summit, Enterprise Summit, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] OPEN TALK: How We 10X'd the Speed of Parsing CSV Data

David Boskovic, Flatfile, Founder/CEO

Building a parser capable of lexing faster than SSD I/O on a single thread solves one of the biggest bottlenecks in data transfer. Learn how Flatfile's research team has leapfrogged old boundaries by writing a single-threaded 2GB+/s CSV parser in Rust while adding five scalar formats to CSV in a backward-compatible way.

Speakers



David Boskovic

Founder / CEO, Flatfile

David Boskovic is the CEO and Co-founder of Flatfile, the hyper-growth platform on a mission to solve data onboarding for every company in the world. Boskovic first built Flatfile in 2018 after rage designing a CSV importer for the tenth time. His project quickly grew to a company... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

[VIRTUAL OPEN Expo Innovation Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevLead Conference, Dev Innovation Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] OPEN TALK: Unlocking Peak Developer Productivity: Insights from the Frontlines of Engineering Leadership

Iba Masood, Tara AI, Co-founder and CEO

In an era where engineering efficiency defines market leaders, discover groundbreaking insights from over 100 interviews with engineering leaders at the helm of public companies and fast-paced startups. Dive into the heart of developer productivity, and explore the metrics that truly matter, going beyond DORA.

This talk is not just another lecture; it's a roadmap to revolutionizing your teams. Learn to wield a coaching mindset as your most powerful tool in advancing engineering efficiency. We'll demystify the metrics that significantly impact team performance and unveil strategies to enhance productivity with statistical significance.

In this talk, we will answer the following questions:

Should you measure developer productivity, and if so, how do you approach it with a coaching mindset?

How are teams finding the most impactful metrics, and how do you go beyond arbitrary (and useless) measures like lines of code and big brother metrics?

How do you link developer productivity to business outcomes like lift in revenue?

By the end of the session, you will have a better understanding of impactful engineering metrics and leave with actionable insights on how to help your team maximize their engineering impact.

Speakers



Iba Masood

Co-founder and CEO, Tara AI

CEO and co-founder of Tara AI, Iba Masood, stands at the intersection of technology and productivity, leveraging data and machine learning to enhance developer performance. With recognition from Forbes 30 under 30 in Enterprise Technology, her work has attracted attention from TechCrunch... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

[DeveloperWeek Main Stage](#)

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference, AI & Machine Learning Conference, DevLead Conference, DevExec Summit, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[\[Virtual\] PRO TALK \(ProductWorld\): Writing good product fiction](#)

Chris Butler, GitHub, Staff Product Operations Manager

All product people write fiction. Unfortunately, it usually is pretty boring.

In this talk, Chris Butler will outline how he has taken notes from science fiction, speculative futures, design fiction, role playing games, and worldbuilding to create better product concepts. This allows the team to have a real conversation about the products we build rather than some perfect idea that lacks the key problems and externalities.

Speakers



Chris Butler

Staff Product Operations Manager, GitHub

Chris Butler is a Chaotic Good Product Manager and Group Product Manager for Google's Core Machine Learning team. His role focuses on strategy and PM'ing the PM experience. Chris has worked previously as a product leader at Microsoft, Facebook Reality Labs, Cognizant, KAYAK, and...

[Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual

1:30pm PST

[\[Virtual\] PRO TALK: Simplifying Modern Security Operations with an Open-Source GitOps Framework](#)

Zach Wasserman, Fleet, Co-founder and CTO

Detection engineering plays a crucial role in today's security landscape, but implementing effective detection strategies can be complex and time-consuming.

In this presentation, Zach will discuss how an open-source GitOps framework can transform the way security teams manage their detection rules and policies.

The open-source GitOps framework offers several advantages for detection

engineering. First, it allows security teams to collaborate and manage their detection infrastructure in a more agile and effective manner. Second, it provides greater transparency and auditability, enabling teams to track changes to their detection infrastructure over time. Third, it enables automated deployment of detection rules and policies, reducing the risk of human error and improving the speed of response to security threats.

This presentation is based on Zach's experience building tools for detection engineering teams and supporting detection engineering initiatives across a number of organizations. It is intended to be pragmatic and show participants a framework to take back to their organization and start using today for free.

Speakers



Zach Wasserman

Co-founder and CTO, Fleet

Zach is a serial entrepreneur, engineer, co-founder and CTO of Fleet, where he works to unlock the full potential of osquery for enterprise and open-source customers. He brings the vision and experience of co-creating and working with osquery since the earliest design documents at... [Read More →](#)

Wednesday February 28, 2024 1:30pm - 1:55pm PST

[VIRTUAL PRO Stage D](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Security Summit](#)

- **Certificates** DevOps Certificate, Security Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL, Enterprise Summit, Security Summit
- **In-Person/Virtual** Virtual

1:45pm PST

[\[Virtual\] Sponsor Spotlight: Akamai \(Live Demo\)](#)

Join Akamai as they showcase the security and privacy benefits of Virtual Private Clouds (VPC) in a real-world app with multiple servers, databases, and network connections, using Terraform.

Sponsors



Akamai

Akamai powers and protects life online. Leading companies worldwide choose Akamai to build, deliver, and secure their digital experiences – helping billions of people live, work, and play every day. Learn more about Akamai's cloud computing, security, and content delivery solutions... [Read More →](#)

Wednesday February 28, 2024 1:45pm - 2:00pm PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>
[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

2:00pm PST

[Virtual] Sponsor Spotlight: Flatfile (Live Demo, Live Q&A (post speaking session))

Find out how Flatfile can help you get data files in your systems more quickly, increasing the quality and usability of your data and reducing your software development and data cleanup costs.

Sponsors



Flatfile

[Flatfile](#)

Flatfile, the pioneer of AI-assisted data exchange, provides companies and software development teams with the easiest, fastest and safest way to build the ideal data file import experience for their users. Hundreds of companies like AstraZeneca, Square and Sage rely on Flatfile's... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:15pm PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO TALK: Building AI Bots on Your Private Data with an Open Source Stack

Andrew Zigler, Mattermost, Developer Advocate

In today's rapidly evolving AI landscape, organizations are increasingly seeking innovative ways to leverage their internal data to improve productivity and reduce errors. In this workshop, we'll delve into the realm of building internal AI bots using an entirely open source stack. We'll set up a local Mattermost instance with a local Large Language Model (LLM) and train it on communication happening in those channels, allowing your team to harness the power of AI within your organization's private communication channels. You'll discover best practices for creating bots that seamlessly cater to the needs of multiple users to foster collaboration. We'll also shed light on critical safety and security concerns to ensure the responsible and secure use of AI with internal data. As the process of building an internal AI bot with open source tools and training it on data within a channel is demonstrated, you'll gain invaluable insights that will empower you to become a catalyst for AI-driven innovation within your own organization.

Speakers



[Andrew Zigler](#)

Developer Advocate, Mattermost

Andrew is a professional developer advocate at Mattermost where he creates resources to empower the open source community. After graduating from The University of Texas at Austin, he taught English abroad in Japan, learned to code between teaching classes, and later became the lead... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:25pm PST

[VIRTUAL PRO Stage A](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[AI & Machine Learning Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual

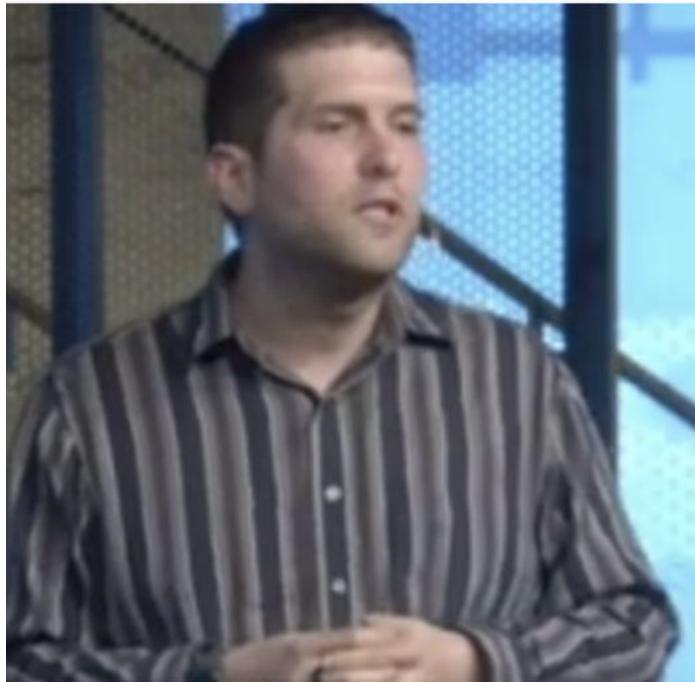
2:00pm PST

[Virtual] PRO TALK: API Governance: Befriending Your CI/CD Pipelines

Jeremy Glassenberg, API Strategist, Founder, API Product Consultant

Improvements in the API ecosystem make it easier for us to plan, implement, launch, and maintain APIs. And as our companies grow, ensuring that we have consistency in API designs across teams (API Governance) is easier to manage with new solutions as well. But establishing API standards at a large and growing company is only effective if teams actively adopt those standards. By better integrating with existing infrastructure, and in particular, working smoothly with each software team's CI/CD pipelines, API standards are far more likely to be applied. This session highlights how to make API design and development easier for various teams, by improving the API testing and release process, to ensure not only working APIs, but well-designed APIs.

Speakers



Jeremy Glassenberg

Founder, API Product Consultant, API Strategist

Jeremy is an experienced Product leader of over 16 years with a proven track record of building APIs and growing developer ecosystems at successful startups such as Box and Tradeshift. He's managed and expanded communities of tens of thousands of developers, executed high-profile...

[Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:25pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST
[Virtual] OPEN TALK: Augmented Engineering: Code as You Meant It!

Dedy Kredo, CodiumAI, Co-Founder and Chief Product Officer

AI assistants shouldn't just auto-complete some boilerplate code for you. They should boost your abilities across everything you do, and that's exactly what CodiumAI can do for you!

If you join this talk, you'll find out how CodiumAI's products sit alongside you in your IDE and your Git provider to give you on-demand code improvement suggestions, help you understand code written by someone who left the company five years ago, write your commit messages for you, assist you in submitting the highest quality pull-requests, help you review your assigned pull-requests far faster, and give you and your team the confidence to ship fast even at scale!

Speakers



Dedy Kredo

Co-Founder and Chief Product Officer, CodiumAI

Dedy, Co-Founder and Chief Product Officer of CodiumAI, steers the product and engineering teams with an ambitious mission: to empower developers to create software swiftly and flawlessly, harnessing the synergy of artificial and human intelligence. Prior to CodiumAI, Dedy took on... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:25pm PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk

- **Track or Conference** OPEN Talk, Dev Innovation Conference, AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] OPEN TALK: Into the Breach: Business Survival in the Age of Accelerating Cyber Threats

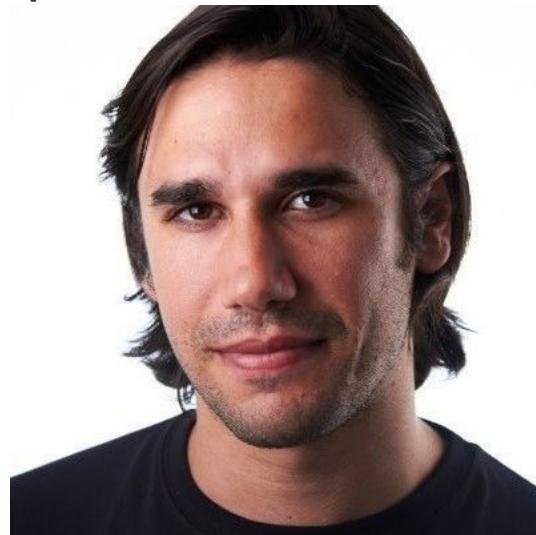
Jaime Jorge, Codacy, CEO

Security is increasingly becoming a shared responsibility across all teams involved in software development and deployment. Having a solid DevSecOps stack that integrates security from the outset ensures that security doesn't become a bottleneck in the later stages, preventing last-minute scrambles and vulnerabilities.

But is this a realistic approach for smaller teams at startups and mid-size companies? What is the easiest, most cost-effective way for any Engineering Manager to raise the bar on code quality and security? How can small teams ensure that every app meets their code quality, security and testing standards, before code is ever pushed to production?

In a world where AppSec is no longer an option but a necessity, we need to talk about what is a good enough start.

Speakers



Jaime Jorge

CEO, Codacy

Jaime is the CEO and co-founder of Codacy, a leading code quality platform trusted by over 600,000 developers around the world. He's been working in the code quality and software engineering tools industry for over 10 years and holds an M.Sc. in Software Engineering from IST. He... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:25pm PST

[VIRTUAL DeveloperWeek Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevLead Conference, DevExec Summit, DevOps Summit, Security Summit, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO TALK (ProductWorld): Decoding the early stage product strategy: Taking a product from MVP to release 1.0

Amala Rangnekar, Workday, Product Manager

With the recent advent in cutting-edge technologies that were unheard of before, companies have started aggressively investing in the development of innovative products. However, products in a nascent stage can be intimidating to build, especially if they belong to a specialised domain. Products typically follow the lifecycle phases of introduction, growth, maturity and decline. However, the introductory phase is the most crucial one and can have long-lasting effects on the upcoming stages. In my session, I will cover best practices for product leaders who are building such products from scratch. This includes setting a product vision and strategy based on the market landscape when you have no existing roadmap and 0 customers. I will also share personal experiences on how I came up with the appropriate

product phases of early stage, limited availability and general availability by observing the use-cases and stakeholders as well as customer patterns and feedback from existing competition. Lastly, I will explain how effective team processes, data analysis and a strong business acumen(marketing, positioning and product messaging) are a PM's best friend to help successfully deploy early stage products.

Speakers



[Amala Rangnekar](#)

Product Manager, Workday

I am a Product Manager in Workday's Search team(the backbone that powers Workday's global search bar and prompt based searches for customers). I recently completed my M.B.A from UCLA's Anderson School of Management, with a focus on Business Strategy and Product Marketing. I also have... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:25pm PST

VIRTUAL ProductWorld Main Stage [https://app.events.ringcentral.com/events/developerweek-](https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55)

[2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55](#)

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [ProductWorld](#), VIRTUAL, Product Management Software & Innovation ([ProductWorld](#)), Product Lifecycle & Case Studies ([ProductWorld](#))
- **In-Person/Virtual** [Virtual](#)

2:00pm PST

[Virtual] PRO TALK: Cloud Security Demystified

Dale Rodriguez, Sysdig, Enterprise Sales Engineer

Mystified by the alphabet soup of cloud native security? Perhaps your productivity has been disrupted by the number of new acronyms - CWPP, CSPM, KSPM, and the list goes on. This talk will educate about these acronyms and their real world implications as well as provide best practices to address security issues for each one.

Speakers



Dale Rodriguez

Enterprise Sales Engineer, Sysdig

Dale Rodriguez is an Enterprise Sales Engineer at Sysdig. Having roles in Product Management, Systems Engineering, Technical Account Management and Customer Support Dale allows Dale to understand technology from various areas. Dale also uses this experience to leverage his idea of... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Security Summit

- **Talk Type** PRO TALK
- **Track or Conference** Security Summit, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST
[Virtual] OPEN TALK: Database Strategies For Developing Better Mobile Apps

Mark Gamble, Couchbase, Director, Product and Solutions Marketing

Mobile apps need to deliver real time responsiveness and maintain 24x7 uptime...and do so wherever the user happens to be - even if that's on a subway, airplane or elevator. Any failure to meet these requirements means a sub-par user experience which leads to app abandonment and a poor rating. To deliver on users expectations, developers need to ensure their mobile apps have fast access to the data that makes them run. But if they're using REST APIs in the cloud for data this can present challenges, not the least of which is a dependency on the internet - if the internet isn't available, neither is the app. Options and approaches for dealing with internet dead-zones are available, but which one is best for meeting speed and availability requirements, and what are the tradeoffs to keep in mind when making a decision?

This session will be a discussion of database strategies for mobile app development. We'll examine REST API pain points that every mobile developer has likely encountered, such as over and under fetching, back-and-forth data transformations, a lack of type or schema validation, and that ever pesky dependency on the internet. Talented developers can always code around the pain points, but this only adds complexity to the codebase and increases the processing footprint, which slows apps and erodes battery life. We'll explore a mobile database platform as the alternative that eliminates the REST pain points and removes internet dependencies. A mobile database platform includes a cloud database, an embedded database that runs on-device, and built-in data synchronization between them for consistency, which provides a more elegant development paradigm and makes apps faster and more reliable. Discussion will focus the essential elements of a mobile database, and discuss how to choose the best options for given requirements, and for the development team's skill set. I'll also talk about successful mobile customer use cases such as Lotum games, who use the Couchbase mobile database platform to power their hit game "4 pics, 1 word", which works even while disconnected from the internet. The session will also include a LIVE DEMO of a mobile database powered app where I will show data synchronization between multiple devices, both on and off the internet.

Topics include:

- Why REST presents challenges for mobile app development
- Enabling and handling data persistence on a mobile device
- Essential database components like local data storage, data synchronization, and conflict resolution
- What to look for in an intuitive query API, including SQL support
- The importance of full-text search and flexible data models
- How an off-the-shelf mobile database platform accelerates app development

Speakers



[Mark Gamble](#)

Director, Product and Solutions Marketing, Couchbase

Mark is a passionate product marketer with a technical and solution consulting background and 20+ years of experience in Enterprise and Open Source technology. He has launched several database and analytic solutions throughout his career, and has worked with customers across a wide... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:50pm PST

[VIRTUAL OPEN Workshop Stage 1](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [Dev Innovation Conference](#), [Frontend Conference](#), [VIRTUAL](#)

- **In-Person/Virtual** [Virtual](#)

2:00pm PST

[Virtual] OPEN TALK: How to Streamline Your Observability and OpenTelemetry Efforts

Greg Leffler, Splunk, Observability Practitioner Director

Observability is still a super-hot buzzword, but what does it really mean? In this session, you'll get an overview of Observability and OpenTelemetry, then see a demo of the primary components of an Observability suite: Application Performance Management, Infrastructure Monitoring, Synthetic Monitoring, and log analytics. Join us to see how Observability can help you deliver better customer experiences, reduce MTTR, and make on-call more pleasant.

Speakers



[Greg Leffler](#)

Observability Practitioner Director, Splunk

Greg heads the Observability Practitioner team at Splunk, and is on a mission to spread the good word of Observability to the world. Greg's career has taken him from the NOC to SRE to SRE management, with side stops in security and editorial functions. In addition to Observability... [Read More →](#)

Wednesday February 28, 2024 2:00pm - 2:50pm PST

VIRTUAL OPEN Expo Innovation Stage [https://app.events.ringcentral.com/events/developerweek-](https://app.events.ringcentral.com/events/developerweek-2024/sessions)

2024/sessions

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Cloud-Native Conference, Dev Innovation Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

2:30pm PST

[Virtual] PRO TALK: Weeding Out Code Vulnerabilities on Day Zero

Manikandan Vasu, Equinix, Principal Architect - Software Architecture and Engineering

Vanjikumaran Sivajothy, Equinix, Senior Manager - Software Architecture and Engineering

In the software development arena, the battle against code vulnerabilities and bugs is a mission that commences well before a program takes its first steps. This battle strategy is executed through the practice of static code testing, a technique that scrutinizes software code without executing it. By meticulously dissecting code syntax, structure, and characteristics, we unearth potential issues before they can evolve into costly challenges during the development journey.

In this session, Vanji and Mani will guide us through their journey of instilling a Day Zero DevSecOps culture and how they effectively eliminated vulnerabilities right from the outset. Their approach emphasizes the early identification and resolution of bugs, security vulnerabilities, and other glitches, thereby minimizing the cost and complexity of addressing them at a later stage. This proactive strategy not only enhances code quality but also reduces the likelihood of errors while fortifying security measures.

Speakers



[Vanjikumaran Sivajothy](#)

Senior Manager - Software Architecture and Engineering, Equinix

Vanji is a Senior Manager - Software Architecture and Engineering at a Fortune 500 company and a committer for the Apache Synapse Project. He spearheads a team of engineers to design and develop an API and Developer Experience. He is also a veteran in the integration space and contributed... [Read More →](#)



[Manikandan Vasu](#)

Principal Architect - Software Architecture and Engineering, Equinix
Devsecops evangelist and Multi-cloud specialist.

Wednesday February 28, 2024 2:30pm - 2:55pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

2:30pm PST
[Virtual] PRO TALK: Driving Go-to-Market Decisions Using Signals from Devex and Quality Metrics

Vilas Veeraghavan, Truckstop, Vice President of Engineering

Far too many businesses attack the issue of decreasing velocity and reduced quality in a reactive manner - after an incident has occurred in production or a customer has escalated an issue. Instead, leaders should rely on DevEx and quality metrics as leading indicators of how successful a product rollout will be - these metrics can predict engagement, retention rates, as well as provide clear signals for adoption of new innovations by the end customer. This talk will share stories from the experimentation culture at Netflix and Walmart with a specific emphasis on how every organization can course correct their future delivery by comprehending and acting proactively on these metrics. The talk will define the DevEx and quality metrics, clarify how they are distinct from DORA metrics and will provide insights to the audience on how they can implement these metrics in their own firms.

Speakers



[Vilas Veeraraghavan](#)

Vice President of Engineering, Truckstop

Vilas has spent his past work life at Comcast, Netflix, Walmart and Bill building high performance teams that focus their attention on automation, chaos engineering, CI/CD at scale and improving developer productivity across the enterprise by enabling engineers to do more with tools... [Read More →](#)

Wednesday February 28, 2024 2:30pm - 2:55pm PST

[VIRTUAL PRO Stage C](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[DevLead Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** DevLead Conference, DevExec Summit, VIRTUAL, Devtech Strategy Summit

- **In-Person/Virtual** [Virtual](#)

2:30pm PST

[Virtual] OPEN TALK: API Platform Best Practices: Creating APIs for Developer Delight

Alex Drag, Gravitee.io, Director of Product Marketing

Come learn the best practices and principles of designing, documenting, and publishing user friendly APIs that enhance the developer experience, improve adoption, and increase developer satisfaction.

Speakers



Alex Drag

Director of Product Marketing, Gravitee.io

Based in Fort Collins, CO. I started at Gravitee in January of 2022! work to help position Gravitee's technology story in a manner that attracts, engages, and educates our addressable market. Functionally, Product Marketing is responsible for positioning and messaging, content strategy... [Read More →](#)

Wednesday February 28, 2024 2:30pm - 2:55pm PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:30pm PST

[Virtual] OPEN TALK: How Life360 Accelerated Engineering and Saved \$1.7M on Annual Cloud Cost with EverOps

Stephen Koza, EverOps, CEO

Mike Connors, EverOps, Director Of Delivery - DevOps

Naveen Puvvula, Life360, Director, Cloud Operations

Explore the success story of Life360's engineering transformation with EverOps. Learn how they overcame skill gaps, accelerated a Kubernetes migration, and achieved a remarkable \$1.7M annual savings in cloud costs. Join us for insights into the unique embedded pod model, cultural shifts, and the key factors that led to increased autonomy and project velocity.

Speakers



Stephen Koza

CEO, EverOps

Stephen is an entrepreneur, investor and startup executive. As the CEO of EverOps, he leads a passionate team helping innovative, cloud-first companies overcome their most difficult DevOps and IT challenges. Throughout his career, Stephen has driven results with global teams spanning... [Read More →](#)



[Mike Connors](#)

Director Of Delivery - DevOps, EverOps

Over the past 25 years in tech, I've closely observed DevOps' transformation into a fundamental industry practice. Starting in telecom, I contributed to the launch of 3G and 4G networks, gaining valuable insights into application and infrastructure development. My consulting experience... [Read More →](#)



Naveen Puvvula

Director, Cloud Operations, Life360

In my 22+ years at the confluence of technology and entrepreneurship, I've focused on engineering leadership and reliability, particularly at Life360, where I enhance platform performance and empower teams to deliver life-saving features. As the co-founder of ZenScreen, I tackled... [Read More →](#)

Wednesday February 28, 2024 2:30pm - 2:55pm PST

VIRTUAL OPEN Expo Discovery Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

2:30pm PST

[Virtual] PRO TALK: Building Secure ReactJS Applications

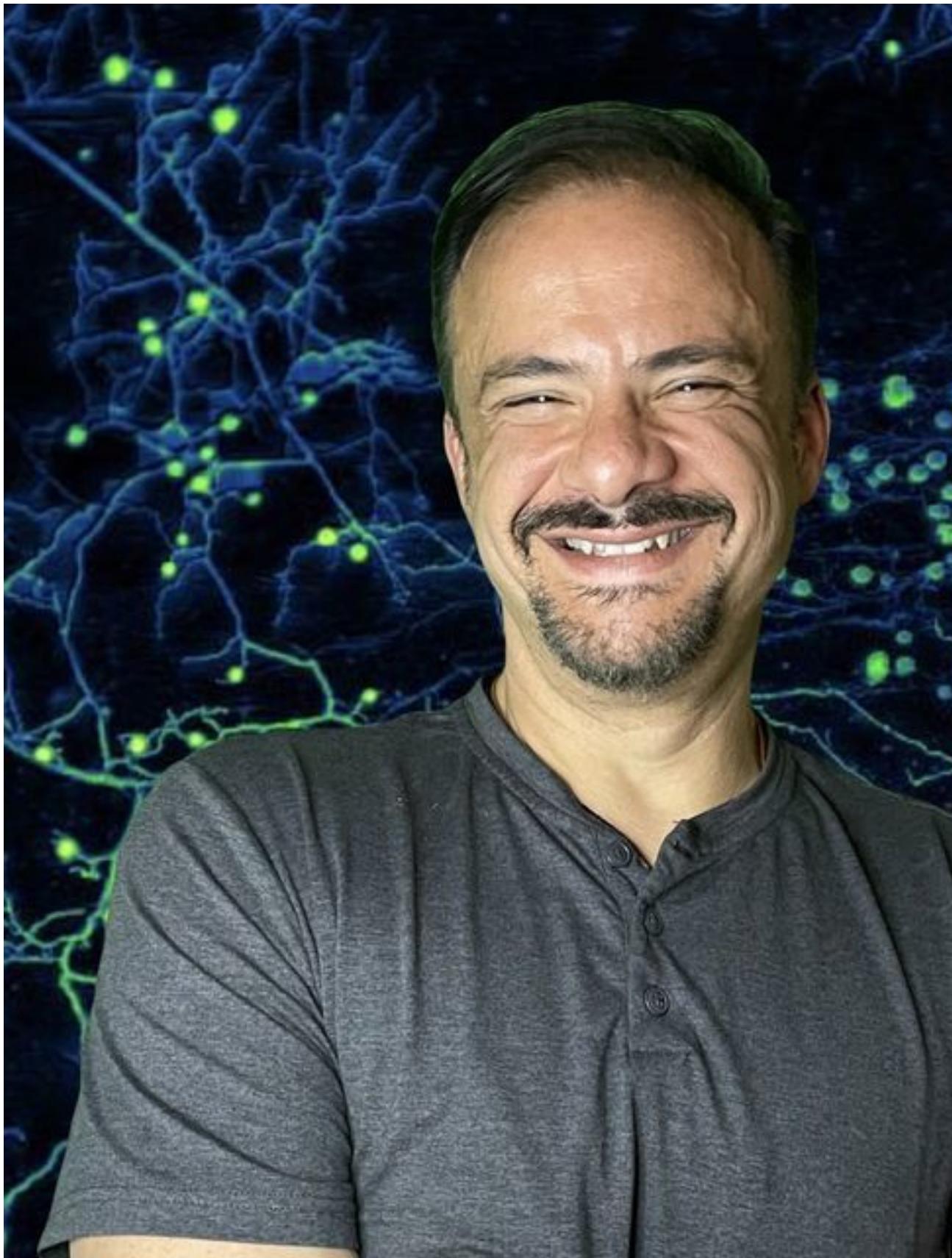
Jim Manico, Manicode Security, Secure Coding Education

This talk will help ReactJS developers build secure applications. Secure code samples and various discussion of secure architecture choices when building client and server-side ReactJS applications will be the focus of this talk.

Topics include:

- * React component attack surface
- * Unescaped props and types
- * dangerouslySetInnerHTML
- * JavaScript URL's and React
- * CSS styled-components and React
- * JSON embedding and React
- * React automatic defenses
- * React manual defense techniques
- * React Lazy Loading and Access Control
- * React template injection

Speakers



Jim Manico

Secure Coding Education, Manicode Security

Jim Manico is the founder of Manicode Security, where he specializes in training software developers on secure coding and security engineering. He is actively involved in multiple ventures, serving as an investor/advisor for companies like 10Security, MergeBase, Nucleus Security... [Read More →](#)

Wednesday February 28, 2024 2:30pm - 2:55pm PST

[VIRTUAL PRO Stage D](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Security Summit](#)

- **Certificates** [JavaScript Certificate](#), [Security Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference, JavaScript Conference, VIRTUAL, Security Summit
- **In-Person/Virtual** Virtual

3:00pm PST

[\[Virtual\] PRO TALK: How to Ground LLMs for the Enterprise](#)

Utkarsh Contractor, Aisera, VP of Artificial Intelligence

The advent of Generative AI holds the promise of revolutionizing entire enterprises and sectors. Large Language Models (LLMs) have revolutionized natural language understanding and generation, offering a wide array of opportunities for enterprise applications. However, the unbridled potential of LLMs presents unique challenges in adapting them for practical use within the enterprise.

This session explores the critical considerations and strategies for grounding LLMs in the enterprise from prompt engineering to fine tuning, encompassing issues such as data privacy, model fine-tuning, domain adaptation, and ethical AI practices. By addressing these factors, organizations can leverage the potential of LLMs to enhance factuality and accuracy, ensuring responsibility and security in their integration across

business applications, ranging from AI Copilots to building domain-specific LLMs and their downstream tasks. In this session, you will also gain valuable insights into the deployment of LLMs in enterprise settings, ultimately enabling companies to capitalize on the transformative capabilities of these cutting-edge language models.

Join Utkarsh Contractor, Aisera's VP of AI and Machine Learning, as he sheds light on the transformative power of Generative AI.

Speakers



Utkarsh Contractor
VP of Artificial Intelligence, Aisera

Utkarsh Contractor is the VP of AI at Aisera, where he leads the data science team working on machine learning and artificial intelligence applications in the fields of natural language processing and vision. He is also pursuing his Ph.D. at Stanford University, focusing his research... [Read More →](#)

Wednesday February 28, 2024 3:00pm - 3:25pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Certificates** AI & ML Certificate
- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

3:00pm PST

[Virtual] PRO TALK: The Shadows in the Cave: Best Practices for Mocking Modern APIs

Liz Acosta, Python Developer and Developer Advocate

API mocks are an essential and necessary part of thorough, robust testing. However, when we're dealing with representations of reality, how can we be sure our mocks are truly faithful recreations of the real deal? Learn best practices for mocking modern APIs that ensure efficiency, cost savings, reliability, compatibility, and -- most importantly -- security.

Speakers



Liz Acosta

Python Developer and Developer Advocate

My career journey is about as non-traditional as it can possibly be, filled with twists and turns but motivated by a love for learning and sharing that knowledge to make things better. My background as a copywriter, social media manager, odd-job freelancer, and software developer... [Read More →](#)

Wednesday February 28, 2024 3:00pm - 3:25pm PST

[VIRTUAL PRO Stage B](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[API & Microservices Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

3:00pm PST

[Virtual] PRO TALK: The Source of Success: Open-Source Wisdom in Platform Engineering

Anil Inamdar, Instaclustr, part of Spot by NetApp, Global Head of Data Solutions

Platform engineering has become one of the hottest topics in software development, and with good reason. It bridges the gap between pie-in-the-sky claims about accelerating application development (and ROI), and the boots-on-the-ground reality of most software teams, which are often already stretched thin while being asked to support increasingly ambitious business goals.

While there is no one-size-fits-all approach to platform engineering, it's becoming increasingly clear that open-source software and projects are absolutely vital to its success.

This DeveloperWeek session will dig into how open source can fuel platform engineering success, with discussion around:

- How open source gives you the means to start small. You can identify key gaps in your platform and developer experience and look for reliable open-source options to deliver those needs.
 - How open source technologies can help you make adoption, testing, experimentation, and exploration easier for developers—a must for a successful platform approach.
 - Specific advantages that open source can deliver to platform engineering, including portability, dev talent recruitment security, and pluggability.
-

Speakers



Anil Inamdar

Head of Data Solutions, Instaclustr

Anil Inamdar is the VP & Head of Data Solutions at Instaclustr, part of Spot by NetApp. Anil has 20+ years of experience in data and analytics roles. Joining Instaclustr in 2019, he works with organizations to drive successful data-centric digital transformations via the right cultural... [Read More →](#)

Wednesday February 28, 2024 3:00pm - 3:25pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevOps Summit

- **Certificates** API Certificate, DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL, Devtech Strategy Summit
- **In-Person/Virtual** Virtual

3:00pm PST

[Virtual Exclusive] PRO TALK: Overcoming A/B Testing Challenges and Pitfalls

Kasia Rachuta, Square, Data Science Tech Lead

This session is going to give an overview of what A/B testing is; how to best work with your stakeholders and a data scientist to set up the test, how to interpret the results and what to do to make this a smooth process. I will go into depth about the most common challenges and pitfalls that I have experienced throughout my career and how to avoid making the most common mistakes. After the talk, you will know when and how to include a data scientist in your A/B testing process and be a good partner to them; and how you should avoid common mistakes.

Speakers



Kasia Rachuta

Data Science Tech Lead, Square

Kasia is a Data Science Tech Lead at Square, where she collaborates with her team to drive data-informed decision-making. Her expertise spans various domains, including identity verification, sales analytics, ecommerce, and infrastructure. Prior to her current role, she gained valuable... [Read More →](#)

Wednesday February 28, 2024 3:00pm - 3:25pm PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, Product Teams: Managers & Developers & Designers
UI/UX (ProductWorld), VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

3:00pm PST

[Virtual] PRO TALK: The New Developer Dance

Vanessa Villa, Pangea, Developer Advocate

Security has for many decades been an after thought in software development, but with the advent of cloud and SaaS along with ubiquitous use of technology in every day life we can no longer ignore the consequences of insecure software. We live in a world of increasingly methodical and organized cybersecurity threats. that has put our national infrastructure at risk and the lives of millions potentially on the line. The Cybersecurity Infrastructure Security Agency (CISA) along with the FBI, NSA and five other countries' cybersecurity organizations recently released strong guidance aimed at software vendors around Secure by Design and Secure by Default. As a technology community, however, we can no longer wait for government agencies to step in to enforce this - our national security and livelihoods are at daily risk in the way we currently release software. Join this

talk to understand what "Shift Left of Left" Security is all about and why you should prioritize it in your software practices.

Speakers



[Vanessa Villa](#)

Developer Advocate, Pangea

Vanessa has been a Software Developer, Product Manager, and now a Developer Advocate. She has 6 years of experience at Microsoft in everything from Virtual & Augmented reality to Internet of Things solutions and Cloud Applications. She has a passion for simplifying really complicated... [Read More →](#)

Wednesday February 28, 2024 3:00pm - 3:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Security Summit

- **Certificates** Security Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL, Security Summit
- **In-Person/Virtual** Virtual

3:00pm PST

[Virtual] OPEN TALK: Avoiding the Common Dev:Creative Handoff Pitfalls.
Setting Yourself up for Success

Erica Quessenberry, RedDesigns, Founder and Creator

The push / pull between design and dev is a tale as old as time, and in my experiences, the handoffs have never been smooth. As a designer whose goal is to look out for the end user, I would get frustrated by developer pushback and my lack of understanding about how a project would ultimately be put together. So I set about to change that by leveling up my skills and specializing in the Umbraco CMS to get a taste of the other side. In this session, we'll talk about the most common issues faced during handoffs and what designers and developers can learn from each other to ease that tension and create a more positive and streamlined experience, while simultaneously providing better experiences for the end users and the content editors and managers alike. Let's get into it.

Speakers



[Erica Quessenberry](#)

Founder and Creator, RedDesigns

Erica is a UX/UI consultant, frontend engineer, Umbraco Certified Professional, and 7x Umbraco MVP who works with Umbraco developers and agencies worldwide. An advocate of community involvement, she also co-founded of Skrift Magazine, whose aim is to amplify the diverse voices, experiences... [Read More →](#)

Wednesday February 28, 2024 3:00pm - 3:50pm PST

VIRTUAL OPEN Workshop Stage 1 <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** DevLead Conference, Data Engineering Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

3:30pm PST

[Virtual] PRO TALK: How to Use Open-Source to Build Understandable and Debuggable AI Apps & Models

Chris Hazard, Howso, CTO and co-founder

You just built a model, checked it for fairness, used SHAP to make sure that race and gender were not important features, so your model is good to go, right? Maybe not. SHAP measures what's important to the model, not the data. The model may contain all sorts of potential problems. But where? Which data was problematic? How did it affect the model? And if you could determine the specific relevant data, where did it come from? It's hard to fix something without understanding it.

Join Dr. Chris Hazard as he discusses how instance-based learning (IBL) has made incredible progress in the past decade as a pragmatic base upon which to build practical, ethical AI and ML systems, and how developers can use open-source AI engines to build explainable AI apps and models that eliminate bias, hallucinations, and misinformation.

Developers and data scientists will learn how, with IBL, the data basically becomes the model, and every decision can be traced to the exact data that lead to the decision. Modern implementations enable the user to debug the data and understand its inner relationships, without having to trade-off accuracy. They will learn to use IBL to create synthetic data with extremely strong privacy that can be used for a large variety of tasks, from finding and understanding anomalies to understanding the certainty around all aspects of the data. Chris will explain how each of these capabilities is critical for building, controlling, and governing AI/ML systems; without them, the voices and concerns of those adversely affected by such models may have little effect. Developers will walk away with actionable strategies to build fully understandable AI systems that solve many ethical quandaries.

Speakers



[Chris Hazard](#)

CTO and co-founder, Howso

Dr. Chris Hazard is Howso co-founder and CTO. Howso's understandable and privacy enhancing AI spun out of Hazardous Software, a company Chris founded in 2007 that focuses on decision support, visualization, and simulation for hard strategy problems in large organizations, DoD, and...

[Read More →](#)

Wednesday February 28, 2024 3:30pm - 3:55pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Certificates** [AI & ML Certificate](#), [DevOps Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** [AI & Machine Learning Conference](#), [DevOps Summit](#), VIRTUAL
- **In-Person/Virtual** Virtual

3:30pm PST

[Virtual] PRO TALK: Restate: Durable Async/Await for Stateful (Serverless) Microservices and Workflows

Giselle van Dongen, Restate, Developer advocate
Stephan Ewen, Restate, Founder

Developing applications in a microservice architecture is hard. For all the benefits that it brings over monolithic application architectures, they expose developers to all sorts of tough distributed systems problems, making it non-trivial to build applications that are consistent, scalable, and resilient.

Wouldn't it be great if you could stop worrying about all possible failure scenarios and race conditions in your system such as charging customers twice, users withdrawing more cash than they have, and selling a single ticket multiple times?

In this session, we introduce the open-source system "Restate" (<https://restate.dev/>), a new type of foundation for transactional applications, based on *distributed durable async/await*:

- Restate offers powerful building blocks for applications, like persistent promises, stateful RPC handlers, reliable RPC & messaging, and durable timers.
- Under the hood, Restate executes your applications in a resilient and low-latency event-driven manner, giving you all the benefits of event-driven approaches, without any of the complexity: Your code is still a familiar long-running RPC application.
- Write business logic as if infrastructure failures don't exist; the durable async/await mechanism transparently handles all those failure.
- Write Lambda functions as if they're long-running apps, letting Restate intelligently manage suspensions and re-invocations during wait times.
- And much more.

Join us for a live demo of a real-world serverless application powered by Restate and see how patterns that are hard to get right are streamlined into a single line of code.

Speakers



Giselle van Dongen

Developer advocate, Restate

Giselle is a Developer Advocate at Restate, where she helps its early users with understanding how Restate simplifies the development of resilient and scalable distributed apps. Before that, she worked in the field of big data analytics and distributed stream processing, and obtained... [Read More →](#)



Stephan Ewen

Founder, Restate

Stephan Ewen is one of the original creators and of Apache Flink. He was previously CTO and co-founder of dataArtisans / Ververica, where he led the development and direction of Apache Flink. Recently, Stephan co-founded a new company and project (Restate) with the goal to simplify... [Read More →](#)

Wednesday February 28, 2024 3:30pm - 3:55pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

API & Microservices Conference

- **Certificates** [API Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** [Virtual](#)

3:30pm PST

[Virtual] OPEN TALK: Build Full Stack LLM Apps with React, Python, Llama2 and Snowflake: Demo

Daniel Myers, Snowflake, Director, Developer Relations

Learn how to build, deploy, and run full-stack web apps on Snowflake that use Meta's Llama2 open source LLM model. In this session, I will demo Meta's Llama2 LLM model running natively inside Snowflake, and I will use this model to do sentiment analysis and data transformations. Get hands-on at quickstarts.snowflake.com.

Speakers



[Daniel Myers](#)

Director, Developer Relations, Snowflake

Wednesday February 28, 2024 3:30pm - 3:55pm PST

VIRTUAL OPEN Expo Discovery Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

3:30pm PST

[Virtual] PRO TALK (ProductWorld): How Do You Level up Design Maturity in a Scaleup Organization?

Melanie Hambarsoomian, Zip, Director, Product Design

Designers and even Product Managers often struggle with doing the right amount of discovery and research, and following design process while balancing being lean.

I will share stories about levelling up design and product maturity in scaleup organisations, and lessons learned along the way. For both Individual Contributors and People Leaders.

What's the history of the industry focussing on Design Maturity, despite the demand for great experiences? What are practical tips and pitfalls you might come across? What's next on the horizon?

Speakers



Melanie Hambarsoomian

Director, Product Design, Zip

Over 12 years of experience in UX and Product Design. I've worked in London and Berlin, and live in Sydney. I've worked in many different industries, highlight companies include Telegraph UK, MOO, Deloitte Digital, and now Zip Co. I am passionate about leadership, design maturity, product...

[Read More →](#)

Wednesday February 28, 2024 3:30pm - 3:55pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)
- **In-Person/Virtual** Virtual

3:30pm PST

[Virtual] PRO TALK: Know Your Ingredients: Security Starts With the Source

Stephen Chin, JFrog, VP of Developer Relations

One of the most neglected parts of application security is the ingredients that go into developing software. Over 80 percent of code used in enterprise applications comes from open source dependencies, but how much attention goes towards the provenance and security of those packages. And in the pursuit of accelerated software development, developers are leveraging more and more libraries and also code "created" by generative AI algorithms, so how do you prevent defects or malicious payloads from compromising your security?

This is analogous to a restaurant where you invest in modern decor, professional chefs, and world class service. But if you don't get fresh, quality ingredients delivered daily, the taste and hygiene of the food will suffer. Securing the software supply chain is a huge undertaking for the entire tech industry, and we will talk about some of the ongoing efforts by open source projects, foundations, and corporations to help us all know our ingredients.

Speakers



Stephen Chin

VP of Developer Relations, JFrog

Stephen Chin is VP of Developer Relations at JFrog, chair of the CDF governing board, member of the CNCF and OpenSSF governing boards, and author of The Definitive Guide to Modern Client Development, Raspberry Pi with Java, Pro JavaFX Platform, and the DevOps Tools for Java Developers... [Read More →](#)

Wednesday February 28, 2024 3:30pm - 3:55pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Security Summit

- **Certificates** Security Certificate, DevOps Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevOps Summit, VIRTUAL, Enterprise Summit, Security Summit
- **In-Person/Virtual** Virtual

Thursday, February 29

9:00am PST

DeveloperWeek Virtual Challenge - Enter to win Tech Prizes!

Thursday February 29, 2024 9:00am - 4:00pm PST

[2. Experiences & Official Events](#)

- **In-Person/Virtual** Virtual

9:00am PST

[VIRTUAL] EXPO HALL OPEN

Thursday February 29, 2024 9:00am - 4:00pm PST

[Expo Hall -- Exhibit Hall West](#)

3. Expo Hours

- **In-Person/Virtual** [Virtual](#)

9:30am PST

[Virtual] Sponsor Spotlight: Zuplo (Live Demo, Live Q&A (post speaking session))

Learn about the OpenAPI standard, and how you can use it to power and connect each piece of your API's lifecycle.
Adrian will be leading the activity.

Sponsors



[Zuplo](#)

API Management is broken.Zuplo is reinventing the API gateway / API Management market with a focus on Developer Experience, speed, collaboration and improving outcomes for API owners. Ship a stripe quality API in record time and bring order to the chaos of your API sprawl.

Thursday February 29, 2024 9:30am - 9:45am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>
OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] KEYNOTE (ProductWorld): Opendoor -- Applying "Real World Thinking" to Innovate and Develop Impactful Products

Brian Tolkin, Opendoor, VP of Product

What do you do when you have a product that requires in-person interaction and a global pandemic hits? Brian Tolkin knows a thing or two about iterating with speed and adapting to volatile situations in the housing market at Opendoor. At ProductWorld, he can talk about how to set yourself up for success by being flexible, building multi-functional teams, and developing new products – and evolving existing ones – to continuously meet the needs of consumers. He'll dig into the intricacies of managing products that combine real-world interactions with digital experiences, providing examples of his work at Opendoor over the last three years to adhere to drastic market fluctuations.

Speakers



Brian Tolkin

VP of Product, Opendoor

Brian Tolkin is the Vice President of Product at Opendoor, a leading digital real estate company. Brian has been an industry leader for over 10 years, previously working as a Group Product Manager at Uber where he led the Shared Rides product group, managing and shipping new products... [Read More →](#)

Thursday February 29, 2024 9:30am - 9:55am PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld), Product Manager Roundtable Talks (ProductWorld)
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] PRO TALK: The Effect of GitHub Copilot on Developer Job Satisfaction

Scott Morgan, Wardlaw Claims Service, VP - IT

As GitHub's Copilot revolutionizes code generation and automation, its

impact on developer job satisfaction is increasingly significant. In this talk, we'll delve into the relationship between Copilot's AI-assisted coding capabilities and the satisfaction developers experience in their day-to-day work and review the current research. In addition, attendees will gain insights into Copilot's benefits, potential drawbacks, and strategies to harness its power while maintaining a fulfilling and engaging work environment. This session is ideal for developers, team leads, and managers seeking to understand the implications of Copilot on job satisfaction and productivity in the software development industry.

Speakers



Scott Morgan

VP - IT, Wardlaw Claims Service

When I was eleven, I wrote a Basic program that moved a circle across the screen of a monochrome monitor, and I was hooked. I have worn many hats in my career, but I have always been a developer. I am passionate about helping developers produce great work and have the best job satisfaction...

[Read More →](#)

Thursday February 29, 2024 9:30am - 9:55am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Data Engineering Conference

- **Talk Type** PRO TALK
- **Track or Conference** Data Engineering Conference, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

[Virtual] PRO TALK: An Introduction to Zero Knowledge Proofs

Keerthana Ganesh, AWS, Security and Compliance Solutions Architect

The way we do security is fundamentally flawed. Current systems only work when we trust a third party, and very often we are required to hand over highly sensitive personal information for everyday actions such as verifying ourselves or making payments.

Enter Zero-Knowledge Proofs or ZKPs.

ZKPs represent the holy grail of information security: they are ‘trustless’, meaning they do not require us to put blind faith in unknown verifying bodies. They are as secure as current methods, and their tolerance for secureness can be tailored. And most importantly, they do not disclose any private information.

Sounds counterintuitive? This presentation aims to demystify ZKPs and how they can unlock value at unprecedented levels when combined with web3 technologies. We'll introduce you to a fascinating new topic, and give you some pointers on where you can learn more.

Speakers



[Keerthana Ganesh](#)

Security Solutions Architect, AWS

Keerthana Ganesh is a Security Solutions Architect with a background in Cyber Security and Cloud Engineering ever since she graduated from the University of Sheffield with a degree in Computer Science in 2019. During her career, she has worked with clients in the financial sector... [Read More →](#)

Thursday February 29, 2024 9:30am - 9:55am PST

[VIRTUAL PRO Stage A](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[DevExec Summit](#)

- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

9:30am PST

[Virtual Exclusive] PRO TALK: SLSA, SigStore, SBOM and Software Supply Chain Security. What Does That All Mean Really ?

Abdel Sghiouar, Google, Cloud Developer Advocate

Have you heard of SLSA, or SBOM or the new fuzzy word in the street

"Software Supply Chain Security" before ? Maybe yes if you are avide reader of some tech publications out-there. But what does this all mean really ? Or rather should you care ? Well the answer is it depends. In this talk the speaker will attempt to clarify these words, what they mean and present a state of the security world with tools and methodologies people and organizations are implementing to ensure software is secured from dev to production.

Speakers



Abdel Sghiouar

Cloud Developer Advocate, Google

Abdel Sghiouar is a senior Cloud Developer Advocate @Google Cloud. A co-host of the Kubernetes Podcast by Google and a CNCF Ambassador. His focused areas are GKE/Kubernetes, Service Mesh and Serverless. Abdel started his career in datacenters and infrastructure in Morocco where he...

[Read More →](#)

Thursday February 29, 2024 9:30am - 10:20am PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** VIRTUAL, Cloud-Native Conference
- **In-Person/Virtual** Virtual, Virtual Exclusive

9:30am PST

[Virtual] PRO TALK: Securing the Cloud: A Workshop on Building a Fortified SDLC on Kubernetes with Open Source Power

Antonio Juanilla, Hacker Dreams, HackMadrid

Join us for an insightful talk where we'll reveal the secrets to building a fortified Software Development Life Cycle (SDLC) using open-source tools. Find out how these powerful resources can improve the security of your software applications and improve your development process. Throughout the talk, we'll explore a wide range of popular open source tools that can be seamlessly integrated into your workflow like Gitlab, Harbor, defectdojo... By leveraging these tools, you'll be able to enforce strong security policies, detect vulnerabilities, and Ensure compliance with industry best practices. This isn't just a theoretical discussion: we'll dive into practical exercises and share real-world examples that will equip you with practical skills. Through these examples, you'll learn how to identify and mitigate security risks,

harden your code against potential vulnerabilities, and adopt security best practices throughout the development cycle. Open-source tools offer a wide range of features and functionality, constantly evolving with contributions from a vibrant developer community. Cybersecurity in development doesn't have to be tied to high software costs, allowing any person or company to make their software more secure. By the end of the talk, you'll have the knowledge and experience to build a hardened SDLC with open-source tools. You'll be able to develop software applications that are secure, scalable, and resilient, strengthening your organization's overall security posture. Don't miss out on this transformative opportunity to unlock the potential of open-source tools in your SDLC. Join us for an engaging talk that will empower you to build a stronger, more secure software ecosystem. All information will be posted on opensecdevops.com for use and improvement by the community on the day of the presentation.

Speakers



Antonio Juanilla

DevSecOps Architect, Hacker Dreams

Antonio Juanilla, known online as @specter, is a passionate DevSecOps Architect and hacking enthusiast. His mind is always in a constant pursuit of knowledge and deeply committed to exploring new technologies. In addition to his primary work, Antonio is a prominent Co-Organizer of... [Read More →](#)

Thursday February 29, 2024 9:30am - 10:20am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Cloud-Native Conference

- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

9:30am PST

DeveloperWeek Certificate Program

<https://www.developerweek.com/certificates/>

Thursday February 29, 2024 9:30am - 4:00pm PST

[2. Experiences & Official Events](#)

- **Talk Type** PRO TALK
- **In-Person/Virtual** Virtual

9:45am PST

[Virtual] Sponsor Spotlight: Codacy (Live Demo)

Join us for a tour of the Codacy platform: The Only Toolbox Developers Need to Merge Clean, Quality, and Secure Code.

Sponsors



Codacy

Thursday February 29, 2024 9:45am - 10:00am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>
OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL, OPEN Talk
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] Sponsor Spotlight: Flatfile (Live Demo, Live Q&A (post speaking session))

Find out how Flatfile can help you get data files in your systems more quickly, increasing the quality and usability of your data and reducing your software development and data cleanup costs.

Sponsors



Flatfile

[Flatfile](#)

Flatfile, the pioneer of AI-assisted data exchange, provides companies and software development teams with the easiest, fastest and safest way to build the ideal data file import experience for their users. Hundreds of companies like AstraZeneca, Square and Sage rely on Flatfile's... [Read More →](#)

Thursday February 29, 2024 10:00am - 10:15am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] KEYNOTE (ProductWorld): Atlassian -- Let Me Tell You A Story: The Power of Storytelling in Product Design

Mark Cruth, Atlassian, Principal Modern Work Coach & Designer

Picture the last time you were told a great story...how did it make you feel? Were you inspired, motivated, or moved to action? As Product Designers, we create experiences that allow our customers to explore new ideas, and storytelling is one of the most powerful tools we have available to help us to do this. During this interactive session, you will learn the basic framework to construct a powerful story that supports the journey of your user based on the work of great storytellers including Stephen Denning, Walt Disney, and Steve Jobs. You will learn about the different types of stories you can tell and which situations are best for each type. You will also have an opportunity to craft and share a story using the storytelling framework learned during the session in order to practice creating a user experience through narrative. So gather round everyone and let me tell you a story...

Speakers



[Mark Cruth](#)

Modern Work Coach / Designer, Atlassian

Focused on practice over theory, Mark is a pragmatic modern work designer and coach. With over a decade of experience experimenting with teamwork practices at places like Boeing, Nordstrom, TD Ameritrade, and Rocket Mortgage, Mark's mission is to inject modern ways of working, a transformation... [Read More →](#)

Thursday February 29, 2024 10:00am - 10:25am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[5. KEYNOTES & FEATURED TALKS](#)

- **Talk Type** OPEN Talk

- **Track or Conference** ProductWorld, VIRTUAL, Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] KEYNOTE: Vercel -- AI-Native User Experiences

Guillermo Rauch, Vercel, Founder and CEO

This talk will cover a variety of real-world examples and reflections on how AI is transforming experiences on the web, and the speed at which those experiences are created.

- *What will interactive AI user experiences look like?*
- *How do they work under the hood?*
- *How can you get started building them today?*

Speakers



Guillermo Rauch

Founder and CEO, Vercel

Guillermo Rauch is Founder and CEO of Vercel, where he leads the company's mission to enable developers to create at the moment of inspiration. Prior to founding Vercel, Guillermo co-founded LearnBoost and Cloudup where he served the company as CTO through its acquisition by Automattic... [Read More →](#)

Thursday February 29, 2024 10:00am - 10:25am PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit, Frontend Conference, VIRTUAL

- **In-Person/Virtual** [Virtual](#)

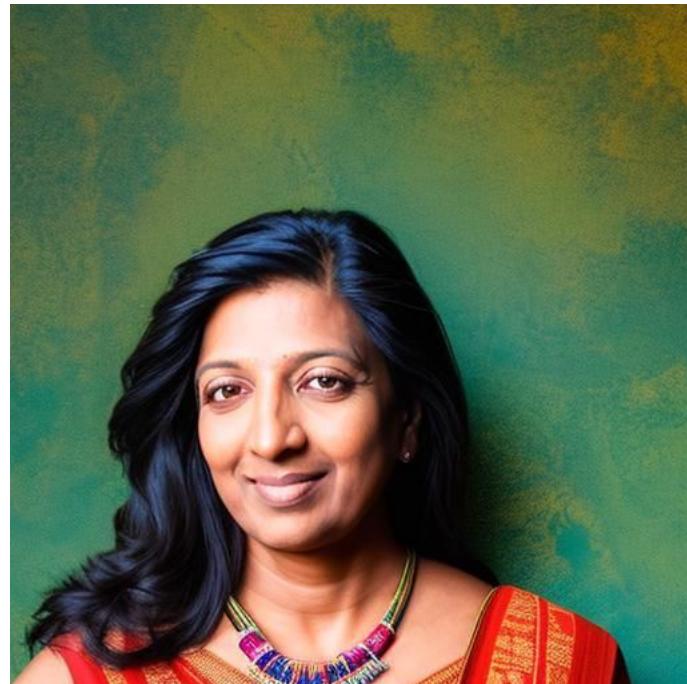
10:00am PST

[Virtual] PRO TALK: Realtime Analytics Unleashed: Unlocking the Potential of Data at Scale

Barkha Herman, StarTree, Developer Advocate

In this talk, we will explore the exciting possibilities of modern analytics solutions – going beyond traditional business dashboards, and diving into how to provide OLAP at OLTP speeds to a larger audience. Learn about realtime analytics, and how scale can be achieved in this rapidly evolving field.

Speakers



Barkha Herman

Developer Advocate, StarTree

I'm a technology veteran with over 30 years of experience in the industry. Throughout my career, I have been an enthusiastic advocate for emerging technologies and their potential to transform lives. In addition to my

extensive technical knowledge, I am also skilled in project management...

[Read More →](#)

Thursday February 29, 2024 10:00am - 10:25am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Data Engineering Conference

- **Talk Type** PRO TALK
- **Track or Conference** Data Engineering Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] OPEN TALK: Faking It: How to Get Amazing DX Without Actually Improving Your API

Gregory Koberger, ReadMe, CEO

We've all likely heard the, "If you build it, they will come" trope. And while it certainly fosters a sense of hope, it doesn't always apply to APIs. When it comes to API success it's more like, *"If developers know that you've built it, then they'll come...and only if they have a good first experience do they keep coming back."*

Rest assured dear reader, this talk isn't meant to encourage you to become a cheater! It is, however, intended to help you and your team ensure that your API is discoverable and usable...and hey, if you can save a little time in the process, is that *such a bad thing?* Your engineers have already poured their blood, sweat, and tears into bringing this API to life and it's about time that the people (a.k.a., your developers) know about it.

Join this talk to learn about [relatively] easy and non-technical strategies that you and your team can employ to transform your API from something your developers may not even know exists into something they can't stop raving about. Join Greg to discuss:

The power of a great onboarding experience

Giving your developers the keys (literally & figuratively) to a great developer experience

Bringing rich analytics to the API experience – for your team and your end users!

Speakers



[Gregory Koberger](#)

CEO, ReadMe

Greg hails from the lovely town of Schaghticoke in upstate New York. After attending RIT he made the move to San Francisco where he's worked for Mozilla, and freelanced for a bunch of startups. He founded ReadMe after building docs sites for most of them. You can find him drinking... [Read More](#)



Thursday February 29, 2024 10:00am - 10:25am PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference, DevExec Summit, API & Microservices Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:00am PST

[Virtual] OPEN TALK: Going from Containers, to Pods, to Kubernetes - Help for Your Developer Environments!

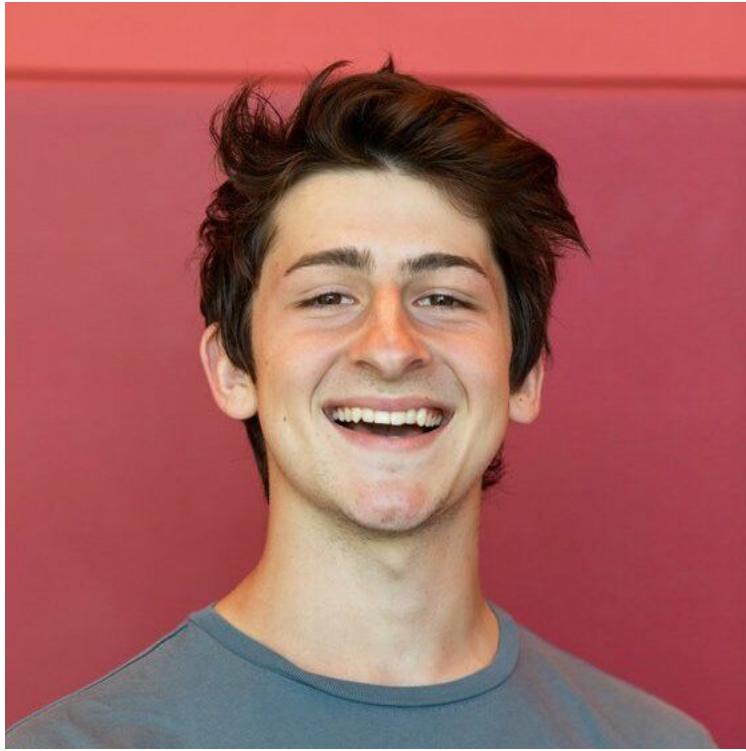
Cedric Clyburn, Red Hat, Developer Advocate

Today, Kubernetes is the undisputed go-to platform for scaling containers. But for developers, Kubernetes can be daunting, particularly when working with the discrepancies between local and production environments. Podman and Podman Desktop bridges this gap.

In this talk, you'll be introduced to Podman and witness the unveiling of Podman Desktop, an open-source GUI tool that streamlines container workflows and is compatible with Podman, Lima, Docker, and more. Podman Desktop serves as a beginner-friendly launch pad to Kubernetes, enabling developers to spin up local clusters (with Kind and Minikube) or work with remote environments.

A demo will be given that helps you navigate the paths necessary to transition from app to containers, to pods, and ultimately to Kubernetes, highlighting how it reduces discrepancies and enables predictability in your deployments by leveraging Podman and Podman Desktop's perks and security advantages. You'll also learn how you can benefit from Podman Desktop to streamline your container development processes!

Speakers



Cedric Clyburn

Developer Advocate, Red Hat

Cedric Clyburn, Developer Advocate at Red Hat, is an enthusiastic software technologist with a background in Kubernetes, DevOps, and container tools. He has experience speaking at conferences and events including DevNexus, WeAreDevelopers, DevConf, and more. Cedric loves all things... [Read More](#)



Thursday February 29, 2024 10:00am - 10:50am PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, API & Microservices Conference, Cloud-Native Conference, VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

10:15am PST

Sponsor Spotlight: StackHawk (Live Demo, Live Q&A (post speaking session))

Join StackHawk in their virtual booth for a live demo & Q&A

Sponsors



STACKHAWK

[StackHawk](#)

StackHawk is making API and application security testing part of software delivery. The StackHawk platform offers engineering teams the ability to find and fix application bugs at any stage of software development. It gives Security teams insight into the security posture of applications... [Read More](#)



OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] Sponsor Spotlight: LEADTOOLS (Live Demo, Live Raffle/Giveaway)

Join us for a live demo showcasing the AI-powered, low-code recognition, document, medical, multimedia, and imaging technology that is found within the LEADTOOLS toolkit.

Enter to win a special giveaway - new winner each day!

Sponsors



LEADTOOLS

LEADTOOLS comprehensive collection of SDKs offer low-code, reliable controls for developers to integrate powerful document, medical, imaging & multimedia features. Powered by patented AI and computer vision algorithms, LEADTOOLS SDKs have helped developers Build Better Apps for over... [Read More →](#)

Thursday February 29, 2024 10:30am - 10:45am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk, VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

10:30am PST

[Virtual] PRO TALK: Big Data Mastery: The Revolution of Scalable Data Infrastructures

Madhuri Muttreja, DISH Network, Enterprise data architect
Darshit Gandhi, DISH Network, Lead Data Analyst

The DISH Wireless 5G cloud-native network is generating petabytes of data per day, from the edge to our national data centers. Traditional centralized data architectures cannot accommodate this amount of data as they struggle to scale and integrate data from diverse domains. DISH is taking an entirely new approach to data architecture. Our decentralized and scalable approach allows for developers and enterprises to extract value from the vast amount of network data we're generating. We will introduce innovative data products that are the solution to data discovery, integration, understanding and replicability. And they are open source!

Speakers



Madhuri Muttreja

Enterprise Data Strategy and Architect, DISH Network



Darshit Gandhi

Lead Data Analyst, DISH Wireless

Thursday February 29, 2024 10:30am - 10:55am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Data Engineering Conference

- **Certificates** Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Data Engineering Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] PRO TALK: Improving the Developer Experience with Developer Productivity Engineering

Baruch Sadogursky, Gradle, Principle Developer Advocate

The software development process is rampant with bottlenecks that negatively impact developer productivity and ultimately, happiness. On a daily basis, developers are stymied by slow build and test feedback cycles, inefficient troubleshooting, and unreliable toolchains that don't send valid signals (e.g. flaky tests). Antipatterns such as these create toil and inhibit their ability to create quality code, leaving developers feeling burnt out and unfulfilled. In fact, 85% of surveyed IT organizations reported spending too much time waiting on build and test feedback. Given the high rates of developer burnout and generative AI's growing potential to upend the development process, it is more critical than ever for IT leaders to prioritize the developer experience.

In this session, Gradle Inc. Principal Developer Advocate Baruch Sadogursky will introduce the emerging practice of Developer Productivity Engineering (DPE) and discuss how it can increase developer productivity by improving the developer experience. DPE views developer productivity as a technology challenge that can be solved by engineering solutions, rather than a people problem addressable by management techniques. As such, it relies on acceleration technologies and failure analytics to address the toil,

frustrations, and process bottlenecks that most negatively impact developers. DPE aims to achieve faster feedback cycles and provide actionable data so that developers can spend more time doing what they love—innovating and writing great code.

After this discussion, audiences will walk away with a better understanding of the benefits of adopting a DPE approach—like increased cost savings and delivering higher quality software, faster—as well as how teams can leverage it to maximize developer productivity and joy.

Speakers



[Baruch Sadogursky](#)

Principal Developer Productivity Engineering Advocat, Gradle

Baruch Sadogursky did Java before it had generics, DevOps before there was Docker, and DevRel before it had a name. He started DevRel at JFrog when it was ten people and took it all the way to a successful \$6B IPO by helping engineers solve problems. Now Baruch keeps helping engineers...

[Read More →](#)

Thursday February 29, 2024 10:30am - 10:55am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevLead Conference

- **Certificates** DevOps Certificate, Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevLead Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] PRO TALK: Meet Your New BFF: Backend to Frontend without the Duct Tape

Noam Honig, Firefly Migration & Remult, Creator

Even with all of the incredible frameworks available today vs. a decade ago (or even two--for devs who have been around as long as I have), it still feels like much of our work as fullstack developers is still repetitive, and held together by duct tape code we shouldn't be writing.

This is because we write a lot of duplicate and boilerplate code for everyday things such as simple database CRUD, data validation, authorization, and data-type conversions, but the majority of these tasks haven't advanced at the pace of modern web architecture.

In this live coding session we'll turn a front-end app into a fullstack app with code that is easy to write, follow &, most importantly maintain, with end-to-end typesafety (say no to GraphQL!), consistent and encapsulated validations, live querying, access control, secured APIs, you get the idea.

You'll come away from this session able to build apps for modern web architecture while still maintaining our code DRY and increase productivity.

Speakers



Noam Honig

Creator, Firefly Migration & Remult

Coder, open-sourcerer, developer experience enthusiast, software architect, and entrepreneur. At work, I oversee and consult in enterprise legacy systems modernization for fortune 500s to small businesses. Outside work I love helping NGOs as a full-stack developer and mentor.

Thursday February 29, 2024 10:30am - 10:55am PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Frontend Conference

- **Certificates** JavaScript Certificate
- **Talk Type** PRO TALK
- **Track or Conference** JavaScript Conference, Frontend Conference, VIRTUAL, Enterprise Summit
- **In-Person/Virtual** Virtual

10:30am PST

[Virtual] OPEN TALK (ProductWorld): How to Build a Killer MVP App

Doug Kadlecik, Grio, President & Co-founder

We'll be discussing the essential ingredients required for building a successful MVP app, as well as point out what hazards to avoid along the way. We'll also answer any specific questions that you may have about building MVP apps. It will be an educational and collaborative event!

Speakers



Doug Kadlecik

President & Co-founder, Grio

Doug Kadlecik is the Founder and President of Grio, a full-service app development agency based in San Francisco. In his 15 years at Grio, Doug has participated in building dozens of MVP apps. Prior to founding Grio, Doug served as the Director of Engineering at several Internet startups...

[Read More →](#)

Thursday February 29, 2024 10:30am - 10:55am PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, OPEN Talk, VIRTUAL, Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual

10:30am PST

[\[Virtual\] OPEN TALK: You Don't Need a Hero: Architecting for Peace of Mind](#)

Dejan Miličić, RavenDB, Head of DevRel

In the dynamic landscape of software development, challenges often arise that demand heroic interventions to guide projects through complexity. But what happens when there's no hero to rely on? How does the fate of the project unfold?

In this keynote presentation, Oren explains how to build robust business applications that scale—systems demanding unwavering reliability, minimal latency, and optimal performance, which are the backbone of thriving businesses.

Discover how a resilient architecture eliminates the need for heroes, allowing

seamless operation and the implementation of new features. Dive into the process of selecting the right database, choosing an architecture aligned with solid principles, leveraging existing infrastructure, and incorporating best practices.

This session includes a live demo of Oren's methods for seamlessly resolving application problems. Witness a scenario where machines and systems may falter, yet users continue operating normally, and your DevOps team remains idle without a care in the world.

Join Oren for a transformative exploration into crafting resilient architectures—your guide to tranquility amid complexity.

Speakers



Dejan Milićić

Head of DevRel, RavenDB

Thursday February 29, 2024 10:30am - 10:55am PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, Dev Innovation Conference, VIRTUAL
- **In-Person/Virtual** Virtual

10:45am PST

Sponsor Spotlight: Couchbase (Live Demo)

Join us in booth #800 for a Live Capella Columnar Demo

Sponsors



Couchbase

Modern customer experiences need a flexible database platform that can power applications spanning from cloud to edge and everything in between. Couchbase's mission is to simplify how developers and architects develop,

deploy, and consume modern applications wherever they are. We... [Read More →](#)

Thursday February 29, 2024 10:45am - 11:00am PST

[Expo Hall -- Exhibit Hall West](#)

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#)
- **In-Person/Virtual** [In Person](#)

10:45am PST

[\[Virtual\]Sponsor Spotlight: Oracle \(Live Demo\)](#)

Come hear about the converged database platform, Kubernetes, Microservices, Gen AI, Low-code, Spring Boot for easing development and deployment on the cloud of your most challenging enterprise applications.

Sponsors



Oracle

Whether you're just getting started with Oracle Cloud Infrastructure, diving into machine learning, searching for ways to simplify container orchestration practices, or streamlining software delivery methodologies, we have what you're looking for.

Thursday February 29, 2024 10:45am - 11:00am PST

VIRTUAL Expo Hall <https://app.events.ringcentral.com/events/developerweek-2024/expo>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

11:00am PST

[Virtual] PRO TALK: Building Web Applications with LLMs

Max Gfeller, Sutro, Engineer

New AI technologies, such as OpenAIs ChatGPT, have taken the world by storm, unlocking an array of innovative applications across various domains. In this talk we're gonna explore how we can make use of these fascinating technologies to build and enhance web applications, using the Langchain framework.

We're gonna look at a few popular use cases and I will show you how they can be implemented. The goal is that by the end of the talk, you can go back to work and put what you've learned to practice on your own.

Speakers



Max Gfeller

Engineer, Sutro

Max is an engineer at Sutro, where they use AI to enable everyone to build beautiful apps instantly. He is a big fan of web technologies and modern Javascript frameworks such as Vue.js and React and organizes a local community called Web Enthusiasts Basel with regular meetups on all... [Read More →](#)

Thursday February 29, 2024 11:00am - 11:25am PST

[VIRTUAL PRO Stage C](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[AI & Machine Learning Conference](#)

- **Certificates** JavaScript Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference, AI & Machine Learning Conference, VIRTUAL

- **In-Person/Virtual** [Virtual](#)

11:00am PST

[Virtual Exclusive] PRO TALK: Why Run Postgres in Kubernetes with CloudNativePG?

Gabriele Bartolini, EDB, Vice President/CTO of Cloud Native and Kubernetes

Postgres should run inside your Kubernetes cluster. Yes, inside, not outside Kubernetes. After all, a database should be seen as an application, a special type of application - for which it is legitimate to require an additional level of care and attention.

However, the small price you pay for this is worth the return on investment that your organization receives by running microservice applications, plus database combos, inside your Cloud Native infrastructure and as part of your GitOps pipelines.

In this session, I will cover why it is important to make such a decision. Discover the challenges and the opportunities that running Postgres inside Kubernetes presents.

I will be covering an entire open source stack that also includes the CloudNativePG operator - of which I am one of the maintainers and founders.

I will discuss, with examples, what we all expect from such a Postgres operator, including self-healing, high availability, scalability, backup and recovery, performance, and - last but not least - security.

I will then go beyond technical aspects to spark conversations about the holistic improvements that running a Cloud Native database brings to your organization.

Speakers



Gabriele Bartolini

Vice President/CTO of Cloud Native and Kubernetes, EDB

A long time open source programmer and entrepreneur, Gabriele has a degree in Statistics from the University of Florence. After having consistently contributed to the growth of 2ndQuadrant and its members through nurturing a lean and devops culture, he is now leading the Cloud Native...

[Read More →](#)

Thursday February 29, 2024 11:00am - 11:25am PST

[VIRTUAL PRO Stage D](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[Cloud-Native Conference](#)

- **Certificates** [Cloud Management Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [Cloud-Native Conference](#), [VIRTUAL](#), [DevOps Summit](#)
- **In-Person/Virtual** [Virtual Exclusive](#), [Virtual](#)

11:00am PST
[Virtual] PRO TALK: Framework for Measuring and Improving Product Quality

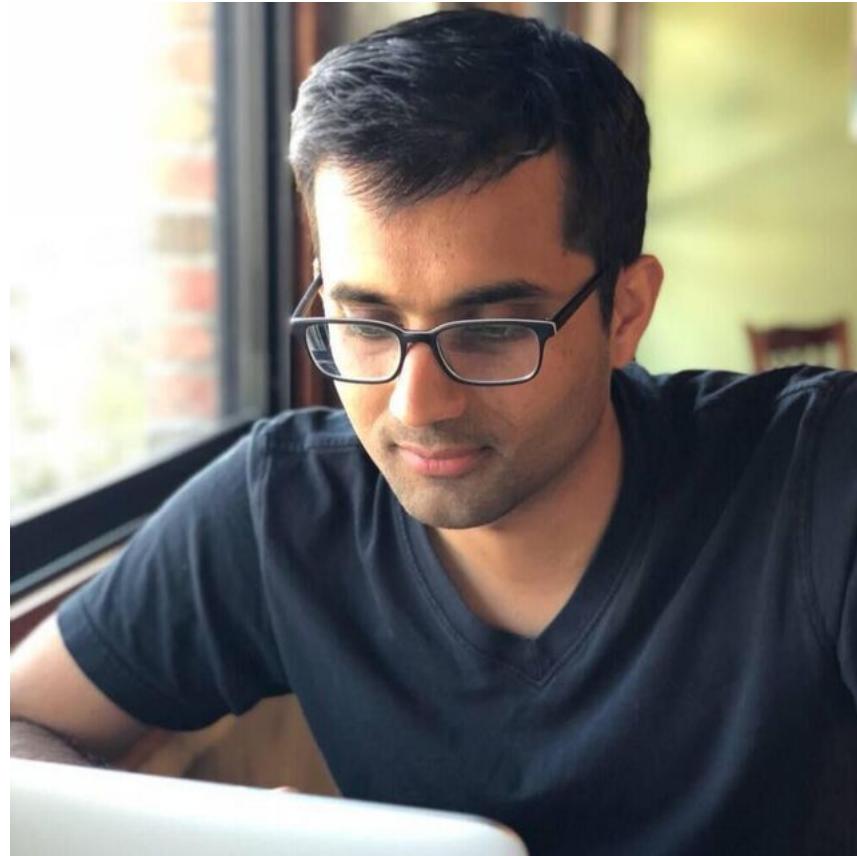
Harsha Vardhan Mudumba Venkata, Notion (Ex-Twitter and Meta Tech Lead), Engineering Manager

This talk will cover the following topics:

- 1) Breaks down what product quality means in the eyes of customers and stakeholders. We'll explore the dimensions and metrics that matter most.
- 2) Outlines a framework that provides a clear, step-by-step path for measuring, assessing, and enhancing product quality throughout the development lifecycle.
- 3) Explore strategies to foster a culture of quality within your organization, ensuring that everyone plays a role in delivering exceptional products.

The audience will have an actionable framework that they can take to their respective organization to implement.

Speakers



Harsha Vardhan Mudumba Venkata

Engineering Manager, Notion (Ex-Twitter and Meta Tech Lead)Engineering Manager @ Notion (Ex-Twitter and Meta Tech Lead)

Seasoned Engineering Lead with experience building teams and shipping products at Notion, Twitter, and Facebook. Drove complex cross-org, cross-functional projects in Twitter Ads, Instagram products for Creators, and Facebook Ads.

Thursday February 29, 2024 11:00am - 11:25am PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevExec Summit

- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, DevLead Conference, VIRTUAL
- **In-Person/Virtual** Virtual

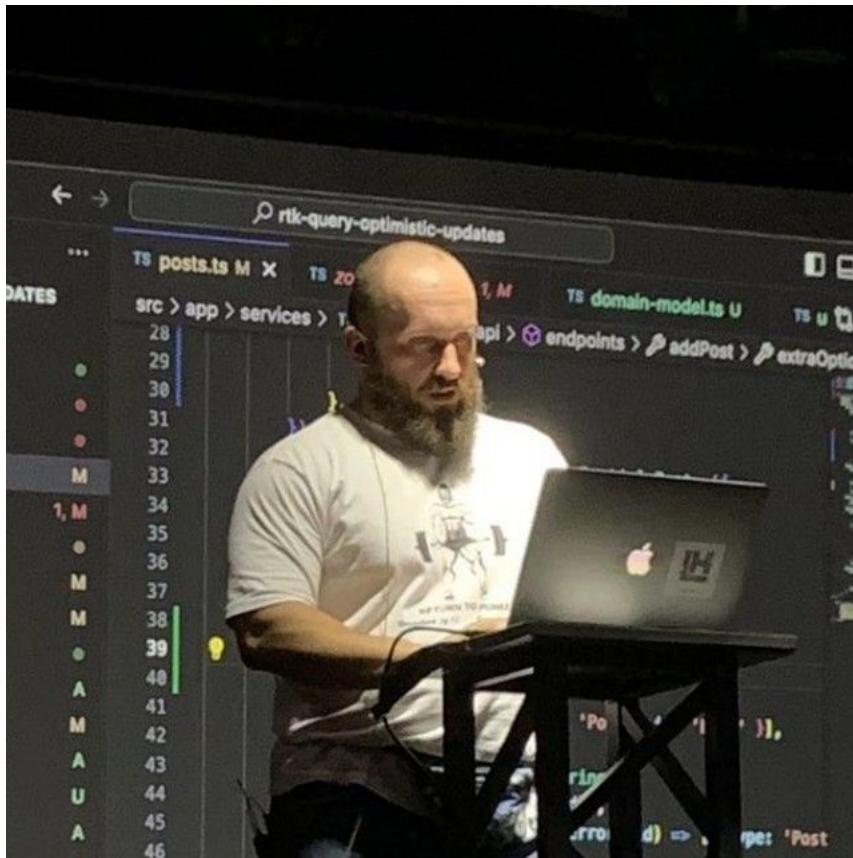
11:00am PST

[Virtual Exclusive] PRO TALK: WebDevelopment Tailored for 2024

Andrzej Fricze, The HEINEKEN Company, Senior Full Stack Developer

Most developers closely follow the framework wars. So busy with these games, that we forget to check what new features HTML, CSS, and JavaScript offer us. Native modals, dynamic viewport units, and optional chaining are just some of the features you should use already! If you stopped following Web Platform development in 2015, it's time to refresh your knowledge. I will teach you to build applications tailored to 2024 and prepare you for the new Web Platform features that will appear in the coming years.

Speakers



Andrzej Fricze

Senior Full Stack Developer, The HEINEKEN Company

Experienced programmer and eloquent speaker. Andrzej has been at the forefront of the tech community, orchestrating countless meetups and conferences. With a passion for nurturing the next generation of tech enthusiasts, he's proudly mentored at both JavaScript and Clojure workshops... [Read More →](#)

Thursday February 29, 2024 11:00am - 11:25am PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Frontend Conference

- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference
- **In-Person/Virtual** Virtual, Virtual Exclusive

11:00am PST

[Virtual] OPEN TALK (ProductWorld): Building a Dual Persona Product Suite: The Role of Opinionated Products, Adaptive APIs, and AI

Varun Singh, Daily.co, Chief Product & Technology Officer

How can "seeing is believing " be applied to API products ? How does AI help in this quest? During this talk, Varun will shed light on narrowing the imagination gap, a critical aspect of crafting compelling products that speak to two different personas - in our case at Daily – developers and entrepreneurs. Discover how the paradigm of creating 80-20 versions of end-user products (with the help of AI) is creating a new way of building APIs. This approach helps builders in creating faster and more unique experiences.

Speakers



Varun Singh

CPTO, Daily

Varun joins Daily as Chief Products and Technology Officer, bringing more than 20 years of experience and thought leadership in video communications. Most recently, Varun was CEO and cofounder of callstats.io, the leading performance monitoring service for WebRTC. Varun has co-authored... [Read More →](#)

Thursday February 29, 2024 11:00am - 11:25am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, ProductWorld, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** Virtual

11:00am PST

[Virtual] OPEN TALK: Backends Should Be Designed for Frontend Developers

James Cowling, Convex, CTO and Cofounder

Your backend is letting you down. Backend infrastructure is often designed for managing underlying resources rather than for the needs of developers building the actual product. Recent attempts like edge computing to improve application performance make matters worse by adding yet another layer of complexity to manage. It is possible to design reliable scalable infrastructure that actually improves product developer velocity. This talk will outline recent innovations like automatic consistent caching, automatic dynamic reactivity, and automatically inferred schemas, that we've seen greatly accelerate developer velocity for developers building on Convex. This is a talk for application developers looking for a better way of building products.

Speakers



[James Cowling](#)

CTO and Cofounder, Convex

James is CTO/Cofounder at Convex which means he's accountable for technical decision-making whenever he's not thinking about how many more plants we should get for the office. He's most passionate about simple elegant solutions to complex problems. Before Convex James was Senior...

[Read More →](#)

Thursday February 29, 2024 11:00am - 11:25am PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference, Frontend Conference, VIRTUAL
- **In-Person/Virtual** Virtual

11:00am PST

[\[Virtual\] OPEN TALK: How to Make Hard Legacy Modernization Run Smoothly](#)

Normandes Junior, StackSpot, Software Engineer

In today's fast-paced technological landscape, enterprises often grapple with outdated systems and inefficient codebases, posing significant challenges to productivity and competitiveness. Embracing modern software solutions is essential to unlock numerous benefits, including enhanced efficiency, reduced costs, and fewer bugs. This session explores possible and concrete solutions to facilitate the transition to modern software paradigms, offering a smoother path forward for you and your team.

Speakers



[Normandes Junior](#)

Software Engineer, StackSpot

Normandes Junior is a senior engineer at Zup with expertise in Java, Go and AWS. He helps his colleagues with detailed Code Reviews suggesting better code and great techniques. He has over 15 years of experience programming for big companies. He also loves house automation and electronics... [Read More →](#)

Thursday February 29, 2024 11:00am - 11:50am PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] Sponsor Spotlight: MESCIUS ([Live Demo](#))

Technical Engagement Engineer, Tye Glenz, will demo SpreadJS, MESCIUS' JavaScript spreadsheet component with over 500 Excel functions.

Sponsors



[MESCIUS inc Formerly GrapeCity](#)

MESCIUS' family of products provides developers, designers, and architects with the ultimate collection of easy-to-use tools for building lightweight, high-performing, feature-complete applications. With over 40 years of experience, our experts understand the demands of the modern... [Read More →](#)

Thursday February 29, 2024 11:30am - 11:45am PST

[VIRTUAL Expo Hall](#) <https://app.events.ringcentral.com/events/developerweek-2024/expo>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[\[Virtual\] PRO TALK: Building Ingress - From Concept to Connection](#)

Scott McAllister, ngrok, Developer Advocate

At first glance, ingress is an easy concept: you route traffic from the wider

world into your cluster. As you layer on SSL and load balancing, the principles stay the same and everything works with minimal thought and effort. But as your infrastructure grows, your clusters grow, the interactions get more complex, and your security requirements explode. In this session, I'll walk you through how we designed and built an Ingress Controller and have converted our clusters to use it in production to support millions of requests. It wasn't easy but running it as an open source effort from the start encouraged our team and customers to review, explore, and consider situations outside our original plans.

Speakers



Scott McAllister

Developer Advocate, ngrok

Scott McAllister is a Developer Advocate for ngrok. He has been building web applications in several industries for over a decade. Now he's helping others learn about a wide range of web and infrastructure technologies.

When he's not coding, writing or speaking he enjoys long walks... [Read More](#)

→

Thursday February 29, 2024 11:30am - 11:55am PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK

- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] OPEN TALK: Developer Experience is central to DevOps success

Jeremy Meiss, DevEx Leader

Developer Experience (DX) is not just describing the "frontend" experience - it's about every aspect of the experience your developers (internal and external) have with your product, tooling, systems, etc. Platform engineering has emerged as this general way to remove developer toil, but DX is more than that, encompassing everything from deployment pipelines to IaC practices to developer efficiencies to even UI/UX. In this talk we will seek to bring into focus some of the principles of DevOps (collaboration, communication, shared responsibility) and how a strong DX mindset can bring Dev and Ops together

[DevEx Tool survey](#)

Speakers



[Jeremy Meiss](#)

Co-Founder, Developer Experience, DevEx startup

Jeremy is a seasoned Developer Experience and Community leader, formerly the Director of DevRel & Community at CircleCI, and previously at Solace, Auth0, and XDA. With almost 30 years in Tech, covering just about every functional area including support, system and database administration... [Read More →](#)

Thursday February 29, 2024 11:30am - 11:55am PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

DevExec Summit

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevExec Summit, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

11:30am PST

OPEN TALK (ProductWorld): How to Leverage Behavioral Data + AI to Unlock the Optimal Customer Experience

Dustin "Dusty" Pearce, Amplitude, VP of Engineering

When building digital products and enhancing user experiences through AI, gathering user feedback is crucial. However, traditional methods such as surveys often aren't enough to generate explicit feedback. In this session, Amplitude's Dustin "Dusty" Pearce will explore the important role that user behavior tools play in effectively capturing user feedback and improving AI models. The audience will walk away with an understanding of the challenges associated with gathering user feedback, how user behavior data can better inform our AI models, and how organizational shifts can also be an effective tool in orienting a company around CX. In this session, Dusty can also share practical insights and strategies for integrating user behavior tools into the development process.

Speakers



Dustin “Dusty” Pearce
VP of Engineering, Amplitude

With more than 20 years of experience in software development, Dusty Pearce’s passion for development inspires and empowers highly effective teams. As VP of Engineering, Data, Dusty helps scale Amplitude’s engineering and product organizations and leads the development of the...
[Read More →](#)

Thursday February 29, 2024 11:30am - 11:55am PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

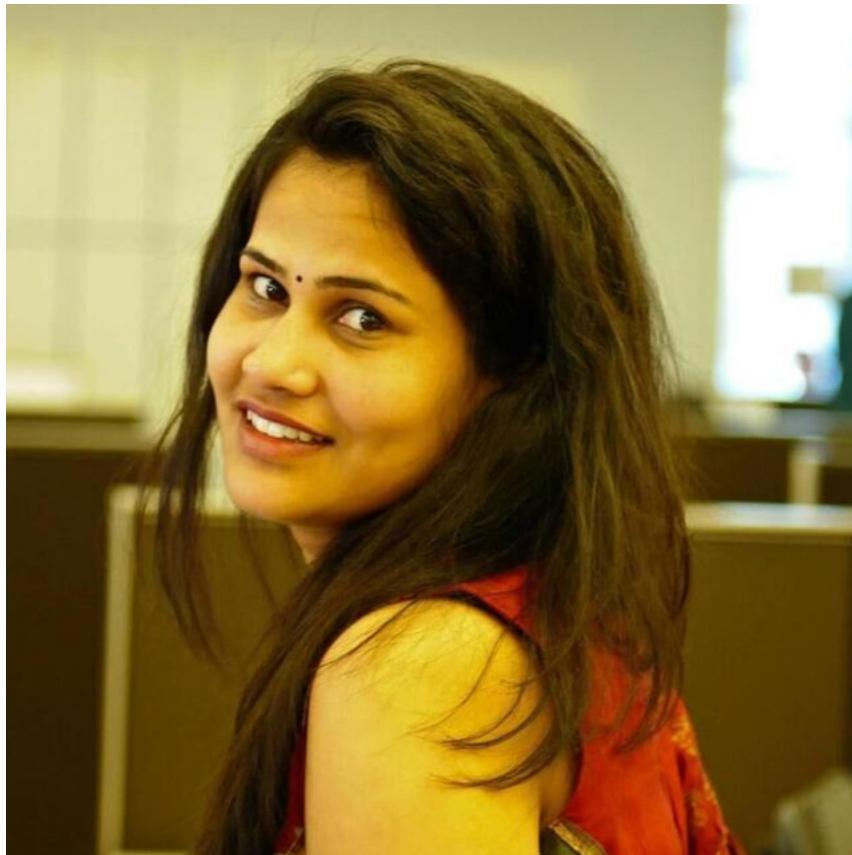
- **Talk Type** OPEN Talk
- **Track or Conference** AI & Machine Learning Conference, ProductWorld, OPEN Talk, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual

11:30am PST
[Virtual] PRO TALK (ProductWorld): Navigating Difficult Dynamics

Krithika Manikavasagam, Walmart Labs, Sr.Manager of Product Management

As Product Managers progress, this session will provide information on how to be entrusted with managing larger product portfolios, overseeing cross-functional teams, setting product strategy, mentoring junior product managers, collaborating with executive leadership, and driving initiatives that align with the business goals of the organization.

Speakers



[Krithika Manikavasagam](#)

Sr.Manager of Product Management, Walmart Labs

I'm an enthusiastic professional possessing a graduate degree in Electronic and communication. I thrive at delivering intuitive solutions to internal and external customers and driving the organization towards success. My academic and work experiences have equipped me with the necessary...

[Read More →](#)

Thursday February 29, 2024 11:30am - 11:55am PST

VIRTUAL OPEN Expo Discovery Stage [https://app.events.ringcentral.com/events/developerweek-](https://app.events.ringcentral.com/events/developerweek-2024/sessions)

2024/sessions

ProductWorld

- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, Product Teams: Managers & Developers & Designers
UI/UX (ProductWorld), VIRTUAL
- **In-Person/Virtual** Virtual

11:30am PST

[Virtual] OPEN TALK: Can You Build a Career in Open Source?

Stormy Peters, GitHub, VP, Communities

We've seen open source evolve from being a disruption to becoming the bedrock of the modern world - and yet, the success achieved is nearly counterbalanced with developer burnout and disproportionate contributions. For far too long, developers have had to choose between their careers and open source passions - what they're paid to do vs what they actually love. Join GitHub VP of Communities Stormy Peters as she explores the challenges and opportunities that make or break the pursuit of open source careers and helps you answer the ultimate question - can you build a career in open source?

Speakers



Stormy Peters

VP, Communities, GitHub

Stormy Peters is VP of Communities at GitHub. She leads the teams responsible for enabling the online creators and open source communities on GitHub, including GitHub's community product efforts, developer relations, education, and other strategic programs. Throughout her career...

[Read More →](#)

Thursday February 29, 2024 11:30am - 12:20pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Dev Innovation Conference, DevLead Conference, VIRTUAL
- **In-Person/Virtual** Virtual

12:00pm PST

[Virtual Exclusive] PRO TALK: Who Broke the Build? – Using Kuttl to Improve e2e Testing and Release Faster

Ram Mohan Rao Chukka, JFrog, Developer

No one wants to be responsible for breaking the build. But what can you do as a developer to avoid being the bad guy? How can project leads enable their teams to reduce the occurrence of broken builds?

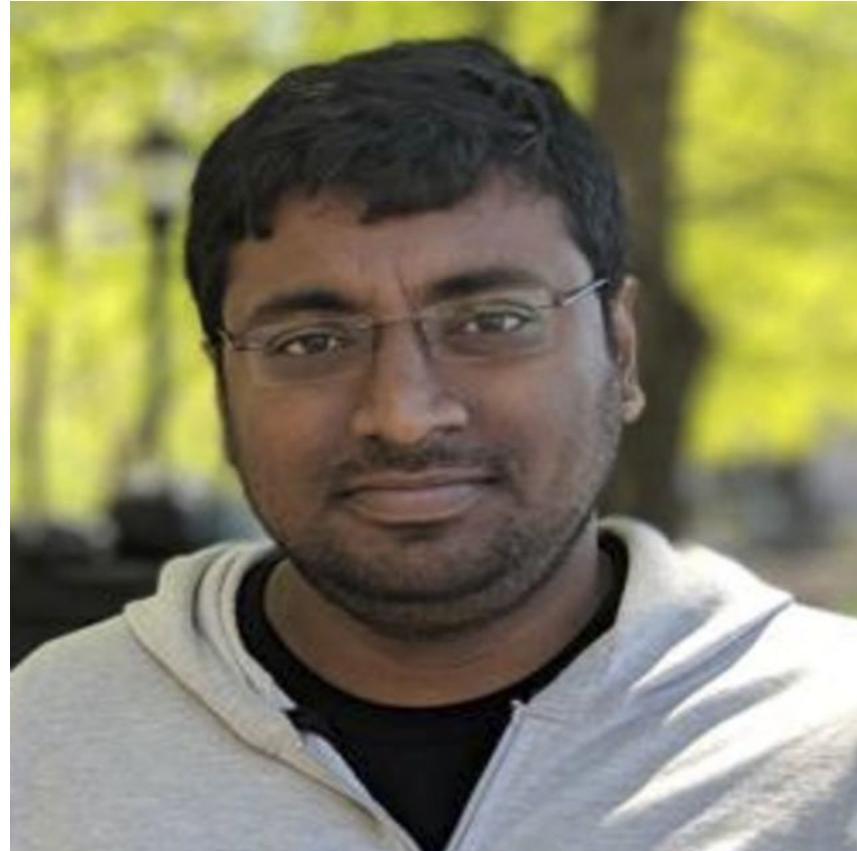
In talking within our own teams, we discovered that many developers weren't running sufficient integration and End to End tests in their local environments because it's too difficult to set up and administer test environments in an efficient way.

That's why we decided to rethink our entire local testing process in hopes of cutting down on the headaches, heartaches, and valuable time wasted. Enter Kuttl. Connecting Kuttl to CI builds has empowered our developers to easily configure a development environment locally that accurately matches the final test environment – without needing to become an expert CI admin

themselves.

These days, we hear, "Who broke the build?" far less often – and you can too!

Speakers



Ram Mohan Rao Chukka

Developer, JFrog

Ram is a Senior Software Engineer at JFrog R&D . Previously worked for startup companies like CallidusCloud (SAP Company), Konylabs. Loves Automation, Linux, openSource

Thursday February 29, 2024 12:00pm - 12:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:00pm PST

[Virtual Exclusive] PRO TALK: Supply Chain Attacks: Focused on NPM attacks

Danish Tariq, Cyber Security Consultant, Security Researcher
Hassan Khan Yusufzai, Cyber Security Consultant, Security Engineer and Security Researcher

Supply chain attacks or attacks on open-source software are spreading like no other disease. It includes examples like Dependency confusion, log4j, NPM attacks, Gem attacks on ruby, and A LOT of examples.

This talk would be focusing on the What, Why, and How of this. Talking about the impact of the supply chain attacks as the weakest link in the chain and how to prevent them.

It would include Extensive internet scanning of NPM packages to find ones prone to account takeover [+ impact identification and defense]

This briefing is focused on the dangers of NPM package hacking and account takeover. As many of you know, NPM packages are crucial dependencies for the widely-used Javascript programming language. Unfortunately, in recent times there have been numerous instances of NPM package hacking, including confusion attacks and account takeovers, putting developers at risk without their knowledge.

In this briefing, we will focus on a specific aspect of Supply-Chain Attacks: the vulnerability of NPM packages to account takeover when the email address of the package maintainer expires. This may sound less impactful, but the reality is far from it. Just one package could be used by hundreds of thousands of applications, and the impact of such an attack would be devastating. We will demonstrate how an innocent NPM package can become a disaster, and how an NPM account takeover can evade detection even by security tools such as Dependabot, SAST, and DAST.

We have conducted extensive research on this issue, scanning the internet for widely-used NPM packages and collecting over 2.1 million packages with millions of downloads. We extracted the email addresses of these packages and scanned the domains to identify expired ones.

We then gathered download numbers of the vulnerable packages to demonstrate the impact of this vulnerability globally.

During this briefing, we will share our research methodology and tools, as well as an open-source script to automate the identification of this vulnerability within NPM packages used within your organization for defensive purposes. We urge you to take this threat seriously and take action to protect your applications from NPM package hacking and account takeover

It would include the history of NPM dependencies attacks and how it could become the weakest link in the chain.

Demonstration of a few recent vulnerabilities and exploitations.

Demonstration of NPM account takeover methodology.

Demonstration of our research on 2.1 Million packages and finding the vulnerable ones out of those widely available and used packages.

Identification of download numbers and usage of the vulnerable package to make a point.

It would end by giving a demonstration on how to protect against the issues or vulnerabilities that could arise due to NPM packages.

In the end, a new tool/script would be introduced to automate the process of catching shady or vulnerable packages.

We presented a small part of this at BlackHat MEA 2022 which was less extensive but after that, we continued the research and identified more factors like Download numbers and the overall usage of these packages in the actual real world and refreshed our methodology to be more efficient.

<https://blackhatmea.com/node/568>

What new research, concept, technique, or approach is included in your submission?

Scanning 2.1 Million NPM packages to find the account takeoverable vulnerable packages and then identifying the download numbers for the vulnerable ones to make a point of impact of this vulnerability.

Before we conducted this research there was no publicly known defensive strategy so The Register featured our solution as well

- https://www.theregister.com/2022/05/23/npm_dependencies_vulnerable/
(But not the research)

Attendees would be able to think about the importance of open-source security.

Attendees would be able to identify vulnerable NPM dependencies. They would be able to protect their organizations from such dependencies. and would automate it within seconds.

The problem is not being solved by the outdated dependency detectors or SAST or DAST tools. To detect the vulnerable NPM dependencies which could be prone to account takeover and moreover this talk would be an all in all package for packages or dependency security.

We would be presenting our own scripted tools and usage possibilities in this talk as well to prevent widespread.

Our in-house scripts would be provided like

- <https://github.com/Splint3r7/npm-account-hijacking-scanner>

Speakers



[Danish Tariq](#)

Security Researcher, Cyber Security Consultant

Danish Tariq is a Security Engineer by profession and a Security researcher by passion. He has been working in Cyber Security for over 8 years and it all started out of a curiosity to break things and look deep down into those things (physical or virtual) back in his teenage years... [Read More →](#)



[Hassan Khan Yusufzai](#)

Security Researcher, Cyber Security Consultant

Highly experienced Security Researcher with a proven track record of internet-wide scanning and Penetration Testing. A sought-after speaker, Hassan recently presented at the BlackHatMEA 2022 conference. His

expertise extends to Ruby security, where he has conducted extensive research... [Read More →](#)

Thursday February 29, 2024 12:00pm - 12:25pm PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:00pm PST

[Virtual Exclusive] PRO TALK (ProductWorld): Making the Leap from Non-technical Sectors to Managing Technical Products (And Finding Success)

Sharanya Chandrakantha Rao Inna, Highspot, Principal - Product Management

Share a framework and examples from my career transitioning from the non-profit space, to managing machine learning products for Amazon Marketplace and Highspot. Through the session, I want to help provide a structured approach with examples, that not only makes the transition smoother for PMs who come from diverse sectors and walks of life, to the technology sector, but also helps them succeed quickly in their new teams/organizations.

Speakers



Sharanya Chandrakantha Rao Inna

Principal - Product Management, Highspot

Through 6 years of product management experience at Amazon and Highspot (and with 10 years of experience overall), I gained expertise across various domains - including AI/ML, Search, Retail, Marketplace, Online Publishing, Content Management and Video Streaming. Across domains, I...

[Read More →](#)

Thursday February 29, 2024 12:00pm - 12:25pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Product Lifecycle & Case Studies (ProductWorld)
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:00pm PST

[Virtual Exclusive] PRO TALK: Pair Programming With GitHub Copilot

In the dark ages of the pandemic, we learned that Sinéad O'Connor was so right with her song "Nothing Compares 2 U". There's nothing like working together side by side with your colleagues. Especially pair programming. Or is there?

In this slideless session, I'll be live coding Java and Python services together with GitHub Copilot. Let's see if it lives up to its promise: "Focus on solving bigger problems by spending less time creating boilerplate and repetitive code patterns and more time on what matters: building great software."

Speakers



Frederieke Schepers

Java architect and CodeSmith, Ordina

With more than 15 years of enterprise Java experience, Frederieke has worked with all the usual technologies in the Java ecosystem. Her expertise includes Reactive messaging, Kafka, JAX-RS, JSON binding, Java

persistence, Spring and various front-end technologies. Since the advent...

[Read More →](#)

Thursday February 29, 2024 12:00pm - 12:50pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

AI & Machine Learning Conference

- **Talk Type** PRO TALK
- **Track or Conference** AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:30pm PST

[Virtual Exclusive] PRO TALK: Unlocking K8s Troubleshooting Best Practices with Botkube

Maria Ashby, Kubeshop, Developer Advocate

As Kubernetes continues to solidify its position as the leading solution for container orchestration and with remote work environments still prevalent, a new challenge has emerged: remote collaborative troubleshooting of Kubernetes clusters. Effectively managing and resolving issues across distributed teams demands seamless communication, synchronized actions, and shared context. Without the right tools, the complexity of this task can be overwhelming.

Join Maria, Developer Advocate for Botkube, in an insightful workshop that leverages the power of Botkube for effortless multi-cluster management in Kubernetes. In this session, we will explore three key areas:

1. Overcoming the Challenges of Remote Troubleshooting with Kubernetes
2. Creating a Collaborative and Troubleshooting-Friendly Environment with Botkube.
3. Simplifying Collaborative Kubernetes Troubleshooting: Three Best Practices with the aid of Botkube

Through an engaging live demo and a step-by-step tutorial, Maria will demonstrate how Botkube can unlock the full potential of Kubernetes while streamlining your collaborative troubleshooting workflow. Don't miss this opportunity to optimize your Kubernetes troubleshooting experience with Botkube. Get ready to enhance your container orchestration practices and elevate your remote team's efficiency in handling Kubernetes clusters.

Speakers



Maria Ashby

Developer Advocate, Kubeshop

Maria is a developer advocate at Kubeshop. She currently works on the Botkube project. She creates content and hosts events around Kubernetes. Before diving into developer advocacy role, she worked in computer science education for K-12 students in lower-income communities and worked...

[Read More →](#)

Thursday February 29, 2024 12:30pm - 12:55pm PST

[VIRTUAL OPEN Expo Discovery Stage](https://app.events.ringcentral.com/events/developerweek-2024/sessions) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[Cloud-Native Conference](#)

- **Talk Type** PRO TALK
- **Track or Conference** VIRTUAL, Cloud-Native Conference
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:30pm PST

[Virtual Exclusive] PRO TALK: Revolutionising Frontend Architecture: Exploring Microfrontends

Anand Bhaskaran, Beekeeper, Senior Software Engineer

Join me in this engaging session as we delve into the world of microfrontends and their profound impact on frontend development.

I will guide you through a comprehensive exploration of microfrontends, covering the following essential topics:

- Understanding the fundamentals of microfrontends and how they revolutionize traditional frontend architectures.
- Discovering the benefits of adopting microfrontends, such as improved scalability, autonomous deployments, and enhanced development team collaboration.
- Practical insights into integrating micro frontends seamlessly into your existing architecture
- A deep dive into real-world case studies and success stories from organizations that have successfully embraced microfrontends to streamline their frontend development processes.
- Expert guidance on best practices, essential tools, and recommended frameworks for building, testing, and maintaining microfrontends effectively.

Whether you're a frontend developer, architect, or API and microservice enthusiast, this session will empower you with the knowledge and strategies needed to leverage microfrontends for creating responsive, modular, and agile frontend applications. Join me on this transformative journey into the future of frontend development in the API and microservice era.

Speakers



Anand Bhaskaran

Senior Software Engineer, Beekeeper

Anand is a senior software engineer at Beekeeper and also a business enthusiast with an MBA from the Quantic School of Business. In his 8+ years of software experience, he has built software for IoT devices, autonomous delivery drones, and various features/solutions at Beekeeper... [Read More →](#)

Thursday February 29, 2024 12:30pm - 12:55pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Frontend Conference

- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference, API & Microservices Conference, DevOps Summit, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

12:30pm PST

[Virtual Exclusive] OPEN TALK (ProductWorld): Breaking Silos: The Shift from a Software Delivery to a Product Development Mindset

Mihaela Draghici, Volkswagen Digital Solutions, Associate Director

This talk introduces how Volkswagen Digital Solutions is taking steps towards a successful transition from software delivery to product delivery lifecycle, highlighting the challenges and the innovative tactics to break down traditional silos within the product teams as well as between "the business" and "IT". Learn how the Volkswagen Group established new delivery centers across Europe to foster interdisciplinary product teams, and the hurdles they overcame. Mihaela will share hands-on examples of their unique approach to get "the business on board", offering a glimpse into their working models and approaches on engagement and collaboration between the product teams and stakeholders. Discover how they faced resistance and fostered an inclusive process to move towards an efficient product delivery cycle. This talk is an exploration into digital transformation, with practical examples,

offering key takeaways for those aiming to break silos and cultivate a collaborative environment within their organisations.

Speakers



Mihaela Draghici

Associate Director, SDC:LX, Volkswagen Digital Solutions

Mihaela is an Associate Director at SDC Lisbon - Volkswagen Digital Solutions, Portugal. She is responsible for multiple cross-functional teams that build digital products for VW Group departments, in a mission to solve user problems and bring business value, while shifting away from... [Read More →](#)

Thursday February 29, 2024 12:30pm - 12:55pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** ProductWorld, VIRTUAL, Product Teams: Managers & Developers & Designers UI/UX (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** Virtual, Virtual Exclusive

1:00pm PST

[Virtual] PRO TALK: Demystifying Privacy Preserving Computing

Tejas Chopra, IBM, Senior Software Engineer

When it comes to privacy, encrypted data-in-transit (eg: HTTPS) or encrypted data-at-rest (eg: encrypted hard-disks) schemes provide sufficient cryptographic guarantees in the battle to protect it. The unresolved problem is encrypting data-in-use. Currently, in order to process data, we need to decrypt, process, and re-encrypt. Computation over unencrypted data may compromise the confidentiality of data and suffer various security attacks. Privacy-Preserving Computing (PPC) has emerged in recent years to enable the secure computation of the data without revealing the content of the data. These techniques look at how to represent data in a form that can be shared, analyzed, and operated on without exposing the raw information. We will discuss current state-of-the-art PPC techniques and the distinct threat models and business use cases they address. The techniques we will cover

are: Secure multiparty computation (SMPC), Fully homomorphic encryption (FHE), Differential privacy (DP)

Speakers



Tejas Chopra

Senior Software Engineer, Netflix

Tejas Chopra is a Senior Software Engineer, working in the Data Storage Platform team at Netflix, where he is responsible for architecting storage solutions to support Netflix Studios and Netflix Streaming Platform. Prior to Netflix, Tejas was working on designing and implementing... [Read More →](#)

Thursday February 29, 2024 1:00pm - 1:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:00pm PST
[Virtual] PRO TALK (ProductWorld): Global Agility: Scaling Agile Practices for Distributed Teams

Dmytro Savchenko, Kinesso, VP of Application Engineering

In today's globalized business landscape, managing distributed teams has become the norm rather than the exception. As someone who personally manages teams across the world, I've experienced firsthand the challenges and opportunities that come with overseeing Agile practices on a global scale. This presentation will provide insights into the intricacies of adapting Agile methodologies for teams scattered across continents, ensuring that collaboration, communication, and delivery remain top-notch.

Speakers



Dmytro Savchenko

VP of Application Engineering, Kinesso

My name is Dmytro Savchenko, and I am the Vice President of Engineering at Kinesso, a leading AdTech company, as well as the author of the Thoughtful Edge podcast. I have dedicated my career to the field of technology and am proud to be a part of such a dynamic and innovative organization. My... [Read More →](#)

Thursday February 29, 2024 1:00pm - 1:25pm PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld), Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld)
- **In-Person/Virtual** Virtual

1:00pm PST

[\[Virtual\] PRO TALK: Introduction to Cypress for End-to-End Testing](#)

Alain Chautard, Angular Training, Google Developer Expert in Angular / Web

We will test a web application from scratch using Cypress. Step by step, we will learn about Cypress features, implement those in our tests. We will be testing various aspects of the application (navigation, clicks, user input), and see how to debug and improve our tests, make them more readable, and even how to mock the server-side in order to test more scenarios on the front-end.

Speakers



[Alain Chautard](#)

Google Developer Expert in Angular / Web, Angular Training

Alain is a Google Developer Expert in Web Technologies / Angular. He started working with Angular JS in 2011. Since then he has worked with all Angular versions on a daily basis, both as a developer and as a technical trainer. He is the organizer of the Google Developer Group chapter... [Read More →](#)

Thursday February 29, 2024 1:00pm - 1:50pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Certificates** JavaScript Certificate, Data Certificate
- **Talk Type** PRO TALK
- **Track or Conference** JavaScript Conference, VIRTUAL, Data Engineering Conference
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] OPEN TALK: Modernizing the Developer Runtime

Ben Potter, Coder, Head of Product

Enterprises have shifted left with DevOps, PlatformOps, and CI/CD, but what about engineers' primary responsibility? Writing code.

Engineers are forced to cram giant, decades-old codebases onto laptops or – even worse – VDI machines. Every day, enterprise engineers wrestle with environments to get access to tools and infrastructure rather than cranking out code from their favorite IDE. Attendees will learn how Cloud Development Environments are used in the enterprise to onboard developers, unblock new technologies, and keep developers in flow.

Speakers



Ben Potter

Head of Product, Coder

Ben Potter is an engineer and Head of Product at Coder, an open-source platform for cloud developer environments. Before Coder, Ben did all of his professional projects and tinker projects on remote machines and now works with enterprises to move their developer boxes to the clou... [Read More →](#)

Thursday February 29, 2024 1:00pm - 1:50pm PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, Enterprise Summit, VIRTUAL
- **In-Person/Virtual** Virtual

1:00pm PST

[Virtual] OPEN TALK: Web Components are Awesome!

Dwane Hemmings, Vonage, JavaScript Developer Advocate

Join us for an engaging speaker session that transforms into a hands-on workshop, providing attendees with an interactive and immersive learning experience.

In this workshop, we will:

- talk about what Web Components are
 - take a look at what companies are using Web Components
 - create our own Web Component
 - use the Web Component in a framework of the audience's choice
 - walkthrough a video application (like a mini Twitch) that uses Vonage Web Components that you can use for yourself
-

Speakers



Dwane Hemmings

JavaScript Developer Advocate, Vonage

Long-time hobby coder turned professional. Now a JavaScript Developer Advocate at Vonage building tools to help developers add real-time communications to their applications.

Thursday February 29, 2024 1:00pm - 1:50pm PST

[VIRTUAL OPEN Expo Discovery Stage](https://app.events.ringcentral.com/events/developerweek-2024/sessions) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** OPEN Talk
- **Track or Conference** VIRTUAL, Frontend Conference, ProductWorld
- **In-Person/Virtual** Virtual, Virtual Exclusive

1:30pm PST

[Virtual] PRO TALK: Decentralization, Blockchain, and Open Source: Better Together

Hart Montgomery, Hyperledger Foundation, CTO

Blockchain is being increasingly adopted as the trust infrastructure for critical systems around the world. At its core, a blockchain serves as an information store with decentralized trust: even if some constant fraction of participants in a blockchain act maliciously, the blockchain will still retain its ability to be a truthful store of information. This decentralization is blockchain's main advantage and usefulness over traditional databases. In this talk, I will explain the core relationship between decentralized trust and blockchain in a way that relates to both cryptocurrencies and permissioned blockchain systems like those built with Hyperledger technologies. I will explain how blockchain governance typically works (also in a decentralized manner!) with a variety of examples. Finally, I will explain why fully open source development processes are the only way to ensure proper decentralization of blockchains and how we go about these processes in the Hyperledger Foundation.

Speakers



Hart Montgomery

CTO, Hyperledger Foundation

Hart Montgomery serves as the CTO of Hyperledger Foundation and as a technical advisor to the Open Wallet Foundation. Hart has extensive experience in blockchain and cryptography, and previously worked in blockchain and cryptography research at Fujitsu Research where he helped lead... [Read More →](#)

Thursday February 29, 2024 1:30pm - 1:55pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Dev Innovation Conference

- **Talk Type** PRO TALK
- **Track or Conference** Dev Innovation Conference, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] PRO TALK: Change *Who* You Hire by Changing *How* You Hire:
Creating a More Inclusive Engineering Environment

Jocelyn James, Bitly, Engineering Manager

While many in the industry have yet to acknowledge it, the interview & hiring process in tech is broken. Many companies will profess diversity, equity, and inclusion as important values but fail to see how many of the current practices in engineering hiring are inherently biased and therefore lead to biased outcomes. As an engineering leader with a background in human rights and gender equality, I have had the opportunity to create and implement interview & hiring policies that truly foster a diverse, inclusive environment. I am excited to share these best practices with other engineering leaders in order to effect wider change in making tech a sector where individuals from all backgrounds can thrive.

Speakers



Jocelyn James

Engineering Manager, Bitly

Jocelyn is an engineering manager whose previous careers have included teaching, refugee services, and mental health research. As a disabled woman

with a background in human rights, Jocelyn is passionate about inclusivity in engineering and ensuring that those with non-traditional... [Read More →](#)

Thursday February 29, 2024 1:30pm - 1:55pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevExec Summit

- **Certificates** Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] OPEN TALK: Code Quality at Warp Speed: Powering Up Continuous Delivery with Static Code Analysis

Peter McKee, Sonar, Head of Developer Relations

In the fast-paced world of software development, we're always looking to get our cool new features out the door as quickly as possible. That's where Continuous Integration (CI) and Continuous Delivery (CD) shine. But in our rush to deliver features faster, are we missing a quality step in our pipelines? Unit testing and End-to-end testing do a good job at ensuring features and functionality work correctly but what about Code Quality? How do we ensure our code is reliable, maintainable and secure? Enter Static Code Analysis. In this talk we'll cover why testing is not enough and to truly deliver reliable value to our customers, we need to be doing static code analysis. We'll take a look at what static code analyzers are, what they do and how to implement them in our CI/CD pipeline.

In summary, this talk will emphasize that incorporating Static Code Analysis into the CI/CD pipeline is not just an option but a necessity for organizations aiming to achieve a balance between rapid software delivery and maintaining high standards of code quality and security. Attendees will leave with a comprehensive understanding of the importance of Static Code

Analysis in their CI/CD pipeline and practical insights on how to effectively integrate it into their development processes.

Speakers



Peter McKee

Head of Developer Relations, Sonar

Peter McKee is the Head of Developer Relations and Community at Sonar and maintainer of the open source project Ronin.js. Originally from Pittsburgh, PA but currently residing in Austin, TX, Peter built his career developing full-stack applications for over 25 years. He has held multiple...

[Read More →](#)

Thursday February 29, 2024 1:30pm - 1:55pm PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, DevOps Summit, Devtech Strategy Summit, VIRTUAL
- **In-Person/Virtual** Virtual

1:30pm PST

[Virtual] PRO TALK (ProductWorld): The Road Less Traveled: Ethical Considerations in A/B Testing

Ketaki Vaidya, Oracle, Product Manager-AI

This talk will delve into the critical intersection of product management, A/B testing, and ethics. Drawing on real-world case studies and principles of Institutional Review Boards (IRBs), the session will explore the ethical dimensions of A/B testing experiments, with a focus on protecting participants and safeguarding data privacy. This session won't just raise questions; it will provide actionable solutions.

Attendees will leave with practical recommendations for implementing ethical A/B testing practices within their organizations. From limiting access to educating employees about ethics, these strategies are designed to promote responsible experimentation. By the end of the session, attendees will be equipped with the knowledge and tools to navigate the complex ethical landscape of A/B testing, ensuring that your product development efforts align with the highest standards of integrity and user-centricity.

Key Takeaways:

1. Human-Centered A/B Testing: A/B testing involves real people, and their participation must be ethically safeguarded. The attendees will learn how to prioritize the well-being of participants while conducting experiments that drive product improvement.
2. Case Studies Speak Volumes: The session will explore historical case studies such as the Tuskegee Study and Facebook's 2012 experiments to understand the consequences of unethical testing practices.
3. Institutional Review Boards (IRBs): We will discover the four fundamental principles (risk assessment, benefits, alternatives, and data sensitivity) of IRBs and how they apply to A/B testing.
4. Data Privacy Matters: The attendees will understand the distinctions between identified, pseudonymous, and anonymous data, and the

importance of anonymization in protecting user privacy.

5. Practical Recommendations: The attendees will gain actionable insights into ethical A/B testing practices, including time-limited access, employee education on ethics, and establishing clear protocols for handling high-risk scenarios and data sensitivity issues.

Speakers



Ketaki Vaidya

Product Manager-AI, Oracle

I hold the position of AI Product Manager at Oracle, where my primary role involves creating and managing Artificial Intelligence Solutions for a hotel operations and distribution enterprise platform. Additionally, I host a podcast called "Personal Branding for Professionals," which... [Read More →](#)

Thursday February 29, 2024 1:30pm - 1:55pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Methodology: Agile/Rapid Prototyping/SCRUM (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)

1:50pm PST

[\[Virtual\] OPEN TALK: Redefining code reviews with AI](#)

Gur Singh, CodeRabbit, Co-Founder

Discover how CodeRabbit is using AI to accelerate the code reviews and improve the code quality.

Speakers



Gur Singh

Co-founder, CodeRabbit

Gur Singh is the co-founder of CodeRabbit. He has extensive experience in software development, working across various positions in engineering and product, and fully understands its challenges. He is passionate about using AI to empower developers, to overcome these challenges, and... [Read More →](#)

Thursday February 29, 2024 1:50pm - 2:05pm PST

VIRTUAL OPEN Expo Innovation Stage <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

OPEN Talks

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO TALK: Unlocking the Power of Smart Contracts: A Guide for Leaders in the Era of Blockchain

Medha Parlikar, Casper Labs, Co-founder and CTO

There's no denying that blockchain is on the rise, quickly becoming a critical tool for organizations across industries. In fact, blockchain is growing at a rate akin to cloud computing, positioning it as the next truly disruptive enterprise technology. Yet, smart contracts—a powerful technology behind all blockchain-powered applications—are vastly misunderstood by business leaders. To stay ahead in a climate where competition is tight and businesses are looking to do more with less, leaders must understand smart contracts and their ability to drive efficiency, create new revenue streams, and cultivate better customer experiences. But currently, this isn't the case, with only 30% of business leaders reporting a strong understanding of smart contracts (The State of Enterprise Blockchain in 2023, Casper Labs). Join Medha Parlikar, co-founder and CTO of Casper Labs, as she explores everything today's leaders need to know about smart contracts. Parlikar will take a deep dive into what smart contracts are and why they're a uniquely powerful concept, how the technology has evolved to meet the needs of today's enterprise, highlight top use cases across industries—such as IPwe's partnership with Casper Labs to mint 25M patents as digital assets and Nucleus Finance's use of the Casper blockchain to transform financial contracts—and outline best practices to help leaders successfully onboard blockchain into their existing tech stacks and bring their organizations new value.

Speakers



Medha Parlikar

Co-founder and CTO, Casper Labs

Thursday February 29, 2024 2:00pm - 2:25pm PST

VIRTUAL PRO Stage B <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
API & Microservices Conference

- **Certificates** API Certificate
- **Talk Type** PRO TALK
- **Track or Conference** API & Microservices Conference, Dev Innovation Conference, VIRTUAL, DevExec Summit
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual] PRO TALK: ZTNA Security in the World Of Hybrid Workmodel and BYOD

Rakesh Datta, Microsoft, Senior Technical Leader

Today, we are witnessing a technological paradigm shift, as people transition from office-based work to a hybrid model and utilize their own devices over VPN. However, with this shift comes a significant security challenge. In this

talk, I aim to enlighten the audience on how companies are addressing this security challenge by adopting Zero Trust Network Access (ZTNA) and organizations are making substantial investments in this technology, considering it to be one of the most crucial network security advancements of the next decade.

Speakers



Rakesh Datta

Rakesh Datta Senior Technical Leader, Microsoft

Rakesh is a visionary, innovator, and technical leader, who has worked in the computer software industry for around 14 years. After completing his bachelor's in engineering from India and Master's from the USA, he worked for big enterprises like Microsoft, CISCO, Dell, and others... [Read More →](#)

Thursday February 29, 2024 2:00pm - 2:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST

[Virtual Exclusive] PRO TALK: Building a Strong Remote Team

Joshua Copeland, Remote Dev Force, CTO

I've been running a freelance software development shop for over 6 years called Remote Dev Force. I was remote before it was cool! I've worked with clients and developers from all over the world to build high quality systems. With over 15 years as a programmer/lead/CTO, I've built teams many times over in companies of all sizes. In this soft-skills talk, I'm going to share the experience and knowledge gained in my journey from newbie to leader. I'll talk about ways to structure your schedule, keep tabs on projects, keep developers happy, and most of all; your boss and clients pacified. We will talk about strategies and tactics for handling issues within your team and identifying them before they even become a problem. Most importantly, I'll cover how best to scale and grow your team(s) and building a framework for all of them to work together in the most productive way possible. I hold no cards to my chest in this one. I invite all walks of life to join this one as I'm sure you'll have some amazing take-aways.

Speakers



[Joshua Copeland](#)

CTO, Remote Dev Force

Joshua Copeland is CTO of Remote Dev Force and works with clients all over the world to build high quality systems. With over 15 years as a software architect and serial entrepreneur, Joshua has gained a good blend of start-up and enterprise experience. Developing PHP applications... [Read More →](#)

Thursday February 29, 2024 2:00pm - 2:25pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
DevLead Conference

- **Talk Type** PRO TALK

- **Track or Conference** DevLead Conference, VIRTUAL, DevExec Summit
- **In-Person/Virtual** Virtual, Virtual Exclusive

2:00pm PST

[Virtual] PRO TALK: Monorepos Unleashed: Empowering Developers for Faster Innovation

Matt Vaughn, build motion, Angular Architect

Unleash the power of monorepos to supercharge your development process in this deep dive session. Discover how monorepos enable seamless code sharing, streamline dependency management, and empower teams to iterate rapidly, giving you a competitive edge in software delivery.

Learn valuable insights, best practices, and tooling to maximize the benefits of monorepos. Explore how monorepos facilitate efficient code sharing and collaboration, fostering innovation and productivity. Gain practical techniques for managing dependencies and versioning, ensuring a smooth development workflow.

Real-world examples from successful organizations will illustrate how monorepos drive faster innovation and increased developer productivity. By understanding their strategies, you'll gain actionable insights applicable to your own projects.

Key Takeaways:

1. Enable efficient code sharing and collaboration within and across teams using monorepos, fostering an innovative culture.
2. Effectively manage dependencies and versioning in a monorepo environment, ensuring a reliable development workflow.
3. Gain inspiration and practical guidance from real-world examples of monorepo adoption, fueling faster innovation and productivity.

Unlock the true potential of monorepos to transform your development process, boost productivity, and accelerate innovation. Join us for this enlightening session and elevate your software engineering to new heights.

Speakers



[Matt Vaughn](#)

Angular Architect, Build Motion

Building web applications from VBScript/ASP (1998) to Angular 15 (2023).

Currently focused on Angular: applications, custom libraries, tools, development environment, and applying enterprise patterns and practices in the front end. Author of "Angular Architecture Patterns" book.

[Builder... Read More →](#)

Thursday February 29, 2024 2:00pm - 2:25pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Certificates** JavaScript Certificate
- **Talk Type** PRO TALK
- **Track or Conference** JavaScript Conference, DevLead Conference, Frontend Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:00pm PST
[Virtual] PRO TALK (ProductWorld): Role of Ethics in Product Led Growth

Rahul Agarwal, Hasura, Principal Product Manager

Ethical reasoning and the role of ethics are increasingly important in software and product development due to the onslaught of generative AI tools. This is primarily because of systemic problems with AI such as potential for bias, autonomy, privacy concerns, transparency, societal impact, and more. Addressing these ethical considerations is not only a moral imperative but also a strategic necessity for companies and organizations to build trust, comply with regulations, and create AI technologies that benefit society as a whole. The role of product management now becomes how to navigate this double edged sword and evolve a product led growth motion that is sustainable in the long term.

Speakers



Rahul Agarwal

Principal Product Manager, Hasura

Rahul is a principal technical product manager at Hasura, which is a leading cloud API and data integration platform providing instant APIs on data sources, and has a robust open source community across the globe. Rahul has led multiple products in the cloud and API Management industry... [Read More →](#)

Thursday February 29, 2024 2:00pm - 2:25pm PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** PRO TALK
- **Track or Conference** [ProductWorld](#), [VIRTUAL](#), [Product Teams: Managers & Developers & Designers UI/UX \(ProductWorld\)](#), [Product Management Software & Innovation \(ProductWorld\)](#)
- **In-Person/Virtual** [Virtual](#)

2:00pm PST

[\[Virtual\] OPEN TALK: Bring Order to Unstructured and Semi-structured Data](#)

Jason Koo, Neo4j, Developer Advocate

Converting disorganized, messy data into structured or semi-structured data is a time-consuming and often colossal challenge needed before it can be used in applications.

Fortunately Large Language Models (LLMs) can quickly parse through unstructured data and be leveraged to bring order and identify relationships to otherwise disconnected content. We'll tame a chaotic dataset made up of tabular files, unstructured text, images, and audio transcriptions. While diverse in format, these data types share latent connections.

The end result is an accessible web of structured knowledge - readable by humans and machines alike!

Attendees will leave understanding how to:

- Import and preprocess various heterogeneous file formats using Langchain
 - Leverage LLMs to model entities and connections to create a Knowledge Graph in a Neo4j Graph Database
 - Preview various methods for retrieving desired information from a Knowledge Graph.
-

Speakers



Jason Koo

Developer Advocate, Neo4j

Mobile Developer turned Pythonista, Jason Koo is a Developer Advocate Manager at Neo4j who works with a small but mighty team of Advocates. He enjoys coding late into the night and then passing on his learnings to other developers online, at meetups, conferences, and the occasional... [Read More](#)



Thursday February 29, 2024 2:00pm - 2:50pm PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [AI & Machine Learning Conference](#), [Data Engineering Conference](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

2:30pm PST

[\[Virtual\] KEYNOTE \(ProductWorld\): Thoughtworks -- The AI Advantage: How to Leverage AI Tools to Build Better Products without Losing Your Edge](#)

Ivana Ciric, Thoughtworks, Director of Product, Practice

AI is transforming how we work, offering unprecedented opportunities for enhancing productivity. However, this revolution brings its own share of challenges along with the benefits. We'll cover what you need to know about the impact of using AI tools on product builders, how to harness them to build better products, and how to maximize the potential of the emerging AI-human hybrid workforce.

Speakers



Ivana Ceric

Director of Product, Thoughtworks

As the Director of Product, Practice at Thoughtworks, Ivana is at the helm of product strategy and delivery across diverse industries including Commodities, Automotive, Travel, and Consumer Electronics. Her skill in developing forward-thinking 0-1 software products, ranging from ML... [Read More →](#)

Thursday February 29, 2024 2:30pm - 2:55pm PST

[VIRTUAL ProductWorld Main Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk

- **Track or Conference** ProductWorld, OPEN Talk, VIRTUAL, Product Management Software & Innovation (ProductWorld), Product Teams: Managers & Developers & Designers UI/UX (ProductWorld)
- **In-Person/Virtual** Virtual

2:30pm PST

[Virtual] PRO TALK: Open-Source Cloud-Native Authorization

Omri Gazitt, Aserto, Co-founder & CEO

Every cloud-native application needs some form of authorization to secure access to protected resources. Unfortunately, only a limited few have the expertise and teams required to build authorization systems that avoid broken access vulnerabilities. In fact, the OWASP found an astonishing 318,000 instances of broken access vulnerabilities in their dataset, affecting 94% of the applications tested! To tackle this issue most applications start with role-based access control (RBAC), which ties permissions to users. But a zero-trust approach to application security requires us to go further.

Following the principle of least privilege, applications need fine-grained access controls. With a fine-grained model, access rules can be defined on the application's resources, often down to individual items. In this talk, we review the open-source tools available to help you build a fine-grained authorization system. You'll learn how to extract authorization logic into a policy that is owned and managed by the security team using the Open Policy Agent (OPA), a CNCF graduated project that allows for the expression of policy as code. And how to secure the software supply chain of the policy itself with Open Policy Containers (OPCR), a CNCF sandbox project that containerizes OPA policies so that they can be tagged, signed, versions and tested. We will also share a couple open-source projects that you can use today to add fine-grained authorization to your applications. These include implementations of Google's Zanzibar model, such as Topaz (www.topaz.sh) which lets you combine OPA policies with the Zanzibar data model.

Speakers



Omri Gazitt

Co-founder & CEO, Aserto

Omri is the co-founder/CEO of Aserto.com, an authorization startup, and his 3rd entrepreneurial venture. He spent the majority of his 30-year career working on developer & infrastructure tech, most recently as the CPO of Puppet. Previously he was the VP & GM of HP's Cloud Native Platform... [Read More →](#)

Thursday February 29, 2024 2:30pm - 2:55pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Cloud-Native Conference

- **Certificates** Security Certificate, Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:30pm PST

[Virtual] PRO TALK: Purpose Driven Development

Keshav Prasad Kuruva, Autodesk, Director of Engineering

Building Products and Software to customers with a purpose driven approach generates successful outcomes and generates exceptional value to both the customers and the organizations building it. In this session, I would love to share my insights and values that motivate and inspire every leader, developer and teams to drive future development with values that are purpose driven.

Speakers



Keshav Prasad Kuruva

Director of Engineering, Autodesk

Experienced Engineering Leader with 15+ years of experience in creating and building high performing engineering teams, creating opportunities and growth for people, and building innovation and value streams for the

organization. Experience in managing and driving growth across lean... [Read More →](#)

Thursday February 29, 2024 2:30pm - 2:55pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevLead Conference

- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, DevLead Conference, VIRTUAL
- **In-Person/Virtual** Virtual

2:30pm PST

[Virtual Exclusive] PRO TALK: Alexa on the Go: Building Location Aware Voice Experiences for Alexa

Craig Walls VMware, Engineer

When you think of voice assistants like Amazon Alexa, you probably are thinking of a device on a shelf or a desk somewhere, tethered to a power outlet. But what if you could take Alexa with you wherever you go?

Several devices allow for mobile Alexa, including Echo Auto, Echo Frames, Echo Buds, Fossil Gen 6 watches, and the TalkSocket. You can even take Alexa with you on your phone using the Alexa app or on your Apple Watch using the Voice in a Can app. Being able to take Alexa with you opens a whole new world of possibilities, enabling voice application developers to create voice experiences that help users no matter where they are.

In this session, we'll see how to create Alexa applications (called "skills") that can take advantage of Alexa while on-the-go. You'll learn how to gain permission to access the user's location and provide information relevant to that location. We'll also have a look at a real-world Alexa Skill that uses location awareness to enhance a visit to Disneyland or Disney World theme parks.

Speakers



Craig Walls

VMware, Engineer

Craig Walls is an engineer with VMware, Java Champion, Alexa Champion, and the author of Spring in Action, Spring Boot in Action, and Build Talking Apps. He's a zealous promoter of the Spring Framework, speaking frequently

at local user groups and conferences and writing about Spring... [Read More](#)



Thursday February 29, 2024 2:30pm - 2:55pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

Frontend Conference

- **Talk Type** PRO TALK
- **Track or Conference** Frontend Conference
- **In-Person/Virtual** In Person

2:30pm PST

[Virtual] OPEN TALK: Unit Tests Are Overrated

Titus Fortner, Sauce Labs, Developer Advocate

Dev teams are distracted by the wrong metrics, which results in overly focusing on the lowest level of tests. To ensure that code changes do not break existing functionality, devs must be able to always trust their CI builds. Maintaining the quality of results needs to be the primary focus of any test strategy, and excessive reliance on unit testing can hinder that effort. Join Titus to see how your tests might be giving you a false sense of confidence and how to balance the various types of functional tests.

Speakers



[Titus Fortner](#)

Developer Advocate, Sauce Labs

Titus Fortner is an open source software developer and a core contributor to automated testing projects including Selenium and Watir. He implemented automated testing solutions at several companies before joining Sauce Labs as a Solutions Architect, where he has worked extensively... [Read More →](#)

Thursday February 29, 2024 2:30pm - 2:55pm PST

[VIRTUAL OPEN Expo Innovation Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[OPEN Talks](#)

- **Talk Type** [OPEN Talk](#)
- **Track or Conference** [OPEN Talk](#), [DevOps Summit](#), [Frontend Conference](#), [VIRTUAL](#)
- **In-Person/Virtual** [Virtual](#)

3:00pm PST

[\[Virtual\] PRO TALK \(ProductWorld\): Revitalizing Mature and Legacy Products](#)

Sam Bradley, PayPal, Director of Product Management, In-App Payments

A talk built around how PMs can approach rethinking legacy or established

products in order to bring new growth and experiences to users. I have led turnarounds of products at Expedia and now PayPal and will walk through the discovery work, how to identify if your product has reached a local max, and how to rethink about investing in the product experience. I'll focus the talk on leading the revitalization o

Speakers



Sam Bradley

Director of Product Management, In-App Payments, PayPal

Sam is passionate about solving customer problems through storytelling and empowering product managers to build scalable, design-led products. He is currently a Director of Product Management at PayPal, and leads in-app payment products, including peer-to-peer payments and in-store... [Read More →](#)

Thursday February 29, 2024 3:00pm - 3:00pm PST

[VIRTUAL OPEN Expo Discovery Stage](#) <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

[ProductWorld](#)

- **Certificates** [Product Certificate](#)
- **Talk Type** [PRO TALK](#)
- **Track or Conference** [ProductWorld](#), [VIRTUAL](#), [Product Teams: Managers & Developers & Designers UI/UX](#) ([ProductWorld](#)), [Product Lifecycle & Case Studies](#) ([ProductWorld](#))
- **In-Person/Virtual** [Virtual](#)

3:00pm PST

[Virtual] KEYNOTE: Veracode -- Not so fast - Consider the Security Implications of AI Coding

Brian Roche, Veracode, Chief Product Officer

AI coding is here, and it's transforming how we create software plus boosting developer productivity, according to Github by 55%. However, just because we can use AI in coding it doesn't mean we should – at least not without considering the potential risks and unintended consequences.

When used responsibly, AI can help solve the greatest obstacle to successful software security programs: the imbalance that exists between the effort developers spend finding flaws and the time to fix them. But when developers rush to jump on the craze, AI can do more harm than good as it's only as good as the data on which it's trained.

In this Best Practices Session, Brian Roche, Chief Product Officer at Veracode, discusses the security implications of AI-assisted coding, the role AI should play in how we both create and secure our software, and the cybersecurity skills you should build into your emerging AI tech stack.

Speakers



Brian Roche

Chief Product Officer, Veracode

Brian Roche, CPO, leads our Product Strategy, Product Management, Engineering and Operations. With more than 20 years in engineering leadership roles, Brian brings a wealth of experience in leading agile organizations, implementing DevSecOps, and delivering SaaS-based solutions with... [Read More →](#)

Thursday February 29, 2024 3:00pm - 3:25pm PST

VIRTUAL DeveloperWeek Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/71695211-a61f-4ace-aacc-e9342886fb3c>

5. KEYNOTES & FEATURED TALKS

- **Talk Type** OPEN Talk
- **Track or Conference** OPEN Talk, AI & Machine Learning Conference, VIRTUAL

- In-Person/Virtual [Virtual](#)

3:00pm PST

[Virtual Exclusive] Mastering the Multifaceted Challenges of Multi-Cloud SaaS Operations

Shikha Srivsatava, IBM, Distinguished Engineer and Master Inventor

SaaS vendors today are challenged to make their SaaS available in multiple clouds to meet the customers where they are. Running a SaaS (Software as a Service) application across multiple cloud providers can offer benefits like redundancy, flexibility, and cost optimization, but it also presents several challenges. Here are some of the key challenges SaaS vendors face when operating in multiple cloud environments:- Complexity and Heterogeneity: Each cloud provider has its own unique infrastructure, services, and APIs. Managing and coordinating resources across multiple clouds can be complex and require expertise in each platform.- Cost Management: Each cloud provider has its own pricing model and cost structure. Keeping track of costs, optimizing resource allocation, and avoiding unexpected expenses can be a significant challenge. Tools and strategies for cost control are essential.- Security and Compliance: Managing security across multiple clouds requires a comprehensive approach. You need to ensure that each cloud provider's security features are effectively configured and that data privacy and compliance requirements are met in all locations.- Performance and Latency: Dealing with varying network latencies and performance characteristics in different cloud regions can be challenging. You may need to implement solutions such as Content Delivery Networks (CDNs) and load balancing to mitigate latency issues.- Vendor Lock-In: Avoiding vendor lock-in is difficult when running in multiple clouds. You must design your architecture to be as cloud-agnostic as possible and be prepared for the potential migration of services or data between providers.- Monitoring and Management: Centralized monitoring and management tools are critical for tracking performance, diagnosing issues, and managing resources effectively. Implementing consistent monitoring and management across multiple clouds is a challenge.- Disaster Recovery and Redundancy: Designing and implementing disaster recovery and redundancy strategies that work across multiple cloud providers is essential. This ensures that your SaaS remains available even in the event of cloud provider outages or failures.- Service Level Agreements (SLAs): Different cloud providers have different SLAs for

their services. You must carefully understand and manage SLAs to meet the availability and performance expectations of your SaaS customers.-. Talent and Training: Maintaining a team with expertise in multiple cloud environments can be difficult and expensive. Training or hiring personnel skilled in each cloud platform is a continual challenge.and moreTo address these challenges, SaaS vendors should carefully plan their multi-cloud strategy, automate processes where possible, invest in cloud-agnostic solutions, and regularly review and update their architecture to adapt to changing cloud provider capabilities and requirements. What I will discuss in this talk is a platform approach for multi-cloud SaaS launch and provisioning that simplifies the management and deployment of SaaS applications across different cloud providers. It offers centralized control, supports cloud-agnostic configurations, automates resource scaling, optimizes costs, and ensures security and compliance. The platform also provides monitoring, templates, and high availability options while mitigating vendor lock-in and promoting seamless data integration. This approach streamlines the process, allowing SaaS vendors to focus on delivering their services effectively.The platform approach focuses on the following 1. substrate a set of foundational services for running SaaS in one or more clouds- Composed of opinionated set of tools stitched together as an assembly - Enabled to support SaaS in every cloud where SaaS is running - Integration enabled with Cloud-native tools where applicable- Integration-enabled to Vendor services where applicable 2. Consistent SaaS Customer experience - Enable consistent customer experience for SaaS pre-buy and post-buy- Align Customer's SaaS experience with the Cloud experience where applicable 3. Consistent experience for a SaaS provider, economy of scale, and skill optimization towards provisioning and managing SaaS in multiple Clouds

Speakers



[Shikha Srivastava](#)

Distinguished Engineer and Master Inventor, IBM

Thursday February 29, 2024 3:00pm - 3:25pm PST

VIRTUAL PRO Stage D <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Cloud-Native Conference

- **Certificates** Cloud Management Certificate
- **Talk Type** PRO TALK
- **Track or Conference** Cloud-Native Conference, VIRTUAL
- **In-Person/Virtual** Virtual, Virtual Exclusive

3:00pm PST
[Virtual] PRO TALK: Wildest Dreams of Making Profit on Open Source

Irina Nazarova, Evil Martians, CEO

Open source is amazing - for decades, it's been the driver of tech industry creativity and growth. But as long as our food, devices, and homes are not similarly open and free, this creativity needs to be rewarded monetarily, too.

Commercialized open source has effectively supported authors while also maintaining the benefits that open principles have on the industry. By obtaining an adequate share of the value we create, we'll be able to work on industry-changing projects we're passionate about for years to come.

Yet, achieving success in this domain is not without its challenges. We must be willing to learn, experiment, and overcome obstacles along the way. In this talk, I will unveil my insights on navigating this journey.

Speakers



Irina Nazarova

CEO, Evil Martians

Some people have a clear destiny, some don't. During the first 30 years of my life, I founded two startups, earned degrees in CS and Data Analysis, and embraced a range of occupations: from being a C++ engineer and investment bank research analyst to a studio photographer, product... [Read More →](#)

Thursday February 29, 2024 3:00pm - 3:25pm PST

VIRTUAL PRO Stage A <https://app.events.ringcentral.com/events/developerweek-2024/sessions>

DevExec Summit

- **Certificates** Dev Leadership Certificate
- **Talk Type** PRO TALK
- **Track or Conference** DevExec Summit, VIRTUAL
- **In-Person/Virtual** Virtual

3:00pm PST

[Virtual] PRO TALK: The Top 5 JavaScript Issues in All Our Codebases

Phil Nash, Sonar, Developer Advocate

We all try to write the best code we can, but sometimes things slip through the cracks. With a look at the data from scans of thousands of projects, we can tell what the most common issues are in the codebases of all JavaScript developers.

In this talk we'll take a look at those top issues that plague JavaScript projects around the world, we'll see why they are issues, and finally how to spot and avoid those common errors, issues or anti patterns. By the end of the talk you'll feel more confident in your codebase and maybe have a few things to fix.

Speakers



Phil Nash

Developer advocate, Sonar

Phil is a developer advocate for Sonar and Google Developer Expert. He's been in the web industry for 10 years building with JavaScript and Ruby. He can be found hanging out at meetups and conferences, playing with new technologies and APIs or writing open source code online. Sometimes...

[Read More →](#)

Thursday February 29, 2024 3:00pm - 3:25pm PST

VIRTUAL PRO Stage C <https://app.events.ringcentral.com/events/developerweek-2024/sessions>
Frontend Conference

- **Certificates** [JavaScript Certificate](#)
- **Talk Type** [PRO TALK](#)

- **Track or Conference** JavaScript Conference, Frontend Conference, VIRTUAL
- **In-Person/Virtual** Virtual

3:00pm PST

[Virtual] PRO TALK (ProductWorld): Balancing inputs for your product

Sachin Agarwal, Google Cloud, Group Product Manager

It's easy for an established product to just focus on feature requests from existing customers. But when you do so, you end up reducing your addressable market and allow yourself to become more exposed to new competitors. We will talk about putting feature request and support issues in a broader context to make better product prioritization decisions.

Speakers



[Sachin Agarwal](#)

Group Product Manager, Google Cloud

Sachin is a product leader with experience leading a wide variety of products at major enterprise tech companies, including IBM, Oracle, and SAP. At Google Cloud, Sachin is a leader on Google Cloud's Data Analytics team, where he focuses on delivering features and solutions across... [Read More →](#)

Thursday February 29, 2024 3:00pm - 3:25pm PST

VIRTUAL ProductWorld Main Stage <https://app.events.ringcentral.com/events/developerweek-2024/stages/aaed2b2a-a30c-4d02-9f01-ae8081dafa55>

ProductWorld

- **Certificates** Product Certificate
- **Talk Type** PRO TALK
- **Track or Conference** ProductWorld, VIRTUAL, Product Lifecycle & Case Studies (ProductWorld), Product Management Software & Innovation (ProductWorld)
- **In-Person/Virtual** Virtual



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Timezone

America/Los Angeles

• Filter By Date DeveloperWeek 2024 Feb 20 -29, 2024

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- Thursday**, February 22
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• Filter By Venue Oakland Convention Center + Live Online

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- Arcade Lounge
- DeveloperWeek Main Stage
- District Oakland
- Expo Hall -- Exhibit Hall West
- Games Lounge

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- OPEN Expo Innovation Stage
- OPEN Workshop Stage 1
- PeerConnect Lounge & Stage
- Plank
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- 1. Badge Pick-up & Registration
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- 3. Expo Hours
- 4. Hackathon
- 5. KEYNOTES & FEATURED TALKS
- AI & Machine Learning Conference
- API & Microservices Conference
- Cloud-Native Conference
- Data Engineering Conference
- Dev Innovation Conference

- DevExec Summit
- DevLead Conference
- DevOps Summit
- Frontend Conference
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- ProductWorld
- Security Summit
- Certificates

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- API Certificate
- Cloud Management Certificate
- Data Certificate
- Dev Leadership Certificate
- DevOps Certificate
- JavaScript Certificate
- Product Certificate
- Security Certificate

- Talk Type

- OPEN Talk
- PRO TALK
- PRO WORKSHOP

- Track or Conference

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- API & Microservices Conference
- Cloud-Native Conference
- Data Engineering Conference
- Dev Innovation Conference
- DevExec Summit
- DevLead Conference
- DevOps Summit
- Devtech Strategy Summit

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- OPEN Talk
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- VIRTUAL

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Tuesday, February 20

Wednesday, February 21

Thursday, February 22

Friday, February 23

Tuesday, February 27

Wednesday, February 28

Thursday, February 29

Venue

Arcade Lounge

DeveloperWeek Main Stage

District Oakland

Expo Hall -- Exhibit Hall West

Games Lounge

Oakland Convention Center - Lobby

OPEN Expo Discovery Stage

OPEN Expo Innovation Stage

OPEN Workshop Stage 1

PeerConnect Lounge & Stage

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PRO Stage A

PRO Stage B

PRO Stage C

PRO Stage D

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VIRTUAL OPEN Expo Innovation Stage

VIRTUAL OPEN Workshop Stage 1

VIRTUAL PRO Stage A

VIRTUAL PRO Stage B

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VIRTUAL PRO Stage D

VIRTUAL ProductWorld Main Stage

Session Type

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- DevLead Conference
- DevOps Summit
- Frontend Conference
- OPEN Talks
- ProductWorld
- Security Summit

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