SaaS Academy Event in Toronto on March 1, 2023
Developer Track Abstract and Agenda

Microsoft Canada Head Office
4400-81 Bay Street, Toronto, ON, M5J 0E7

Track Abstract:

Join subject matter experts from GitHub and Microsoft for a lineup of technical presentations and demos to learn best practices for developer tools including GitHub, Containers, VS Code, CosmosDB, and more.

The developer track will kick-off with a keynote presentation from Mark Paulsen on GitHub's approach to helping developers feel happier and be more productive. Next, you'll hear from Microsoft Cloud Solution Architects on the topics of Cloud Native Tools, DevOps Best Practices, and the power of CosmosDB. There will be demos to show you how to get hands-on with these developer tools, as well as time at the end of the last three sessions for Q&A.

Activity	Start	End
LUNCH	12:00	13:00
Mark Paulsen, **Global Director Enterprise Advocacy, GitHub** Mark leads the Global Enterprise Advocacy team, who are the Thought Leadership Megaphone for the GitHub community of Startups, Small and Medium Businesses, and Enterprises. Mark spent 8 years at CIBC, leading the DevOps and API programs as well as time as an IT Internal Auditor and started off his career at a small Software Development company in Toronto. **GitHub's approach to helping developers feel happier and be more productive** Prioritizing and empowering the success of developers is critical in our digital age. Businesses that strive to build and maintain innovative and secure software applications must consider how to embrace and improve their developer experience as a decisive competitive advantage. In this keynote, you'll hear from Mark Paulsen on the current state of the global developer community and their evolving needs. He'll share how GitHub and Microsoft are addressing the needs of developers through innovative tools such as AI Pair Programmer, Codespaces, Azure Services, and open-source tools. Mark will showcase some of these developer tools through demos and provide insights into product roadmaps, so you can see what's available today and what's coming down the road to support developers like you. Join us to learn how GitHub and Microsoft are committed to enabling your success and improving the experience of developers.	13:00	13:45
BREAK	13:45	14:00
Jimmy Shah, **Cloud Solution Architect – Digital and App Innovation, Microsoft** An Engineer and an architect, helping companies understand their business needs and implement solutions that drive results using Microsoft Azure. I'm passionate about cloud native application development, containers and Kubernetes. In my free time, I love travelling and exploring various restaurants around town with my family. **Why Organizations Need to Embrace Cloud Native and Containers** Are you tired of slow, cumbersome development processes that hold you back from delivering software quickly and efficiently? If yes, it's time to embrace cloud native tools! In this session, we will showcase the exciting world of cloud native techniques and tools, and how they can transform the way you build, deploy, operate and manage your applications. From containerization and microservices, to continuous delivery and deployment, and more, you'll learn how these practices can help you focus on what you do best: writing code. And with the power of Azure at your fingertips, your organization will be able to ship products to production faster than ever before.	14:00	14:40
BREAK	14:40	14:50

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Activity	Start	End
BREAK	14:40	14:50
Ricardo Covo, **Cloud Solution Architect – Digital and App Innovation, Microsoft** Seasoned developer and architect with over two decades of experience in the software industry. I am passionate about creating cloud native solutions and helping companies to modernize solutions and optimize their development processes. In my free time, I enjoy traveling with my family and am an avid fan of football (soccer). **Elevate you DevOps game with proven tools, tips & tricks** Are you tired of struggling with slow and unreliable software deployments? Good news - there are tools that can make the process faster, more reliable, and even fun! From VS Code extensions, GitHub security features and deployment templates, to CI built into Azure services, join us for a session full of demos as we explore tools, and review tips & tricks that will lead to efficient and consistent code deployment. Get ready to streamline your DevOps practices and take your software production to the next level!	14:50	15:30
BREAK	15:30	15:40
Alex Drenea, **Cloud Solution Architect - Digital and App Innovation, Microsoft** Well-rounded Software Architect with over a decade of experience in all aspects of the software development lifecycle, including cloud, mobile. At the moment, focusing on Azure PaaS services, especially CosmosDB and the serverless platform. In my free time, I enjoy biking, reading a good book or some more coding. **CosmosDB: More than just a database** In this session, you will discover how to make the most of CosmosDB. We'll use a fictional coffee shop chain as an example to demonstrate how you can use CosmosDB's various features and integrations to create a central hub for all your data. We'll show you how to ingest data using Azure Functions, utilize the Change Feed, enable searching with Azure Search, and perform near real-time analytics with Azure Synapse and PowerBI. All of this is achievable with just a few lines of code, regardless of your experience as a database administrator.	15:40	16:20
BREAK	16:20	16:30
COCKTAIL RECEPTION	16:30	17:30