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Top Skills

Postgres
PostgreSQL
Engineering Management

Languages

Chinese (Elementary)
English (Native or Bilingual)
Russian (Professional Working)
Spanish (Elementary)

Certifications

Triplebyte certified Generalist
Software Engineer
Triplebyte Certified

Publications

Information Security Fundamentals

David Veksler

Senior Software Engineering Manager @ Celsius | Tech Leadership,
Blockchain, Cryptocurrency, Security, Wallet Recovery
Denver, Colorado, United States

Summary

Software Engineering Leader with over 19 years of experience
driving technological advancements and team excellence in high-
growth environments. Proven track record in:

• Engineering Leadership: Scaled and mentored high-performance
teams of 20+ engineers across international locations, fostering a
culture of innovation and continuous improvement.

• Cloud & Blockchain Expertise: Pioneered cloud infrastructure
migrations and blockchain initiatives, including successful launches
of cryptocurrency products and NFT projects.

• Agile Transformation: Implemented agile methodologies and best
practices, significantly enhancing team productivity and product
delivery timelines.

• Full-Stack Development: Extensive experience in both front-end
and back-end technologies, with a focus on scalable, secure, and
user-centric solutions.

• Cross-functional Collaboration: Effectively partnered with product,
marketing, and C-level executives to deliver innovative solutions that
meet both user needs and business goals.

Experience

Celsius
Senior Software Engineering Manager
March 2022 - Present (2 years 6 months)

• Spearheaded cross-functional collaboration with marketing, finance, legal,
product engineering, and security teams to successfully launch wrapped token
projects, ensuring regulatory compliance and market fit.

• Led and scaled three international development teams, growing from 15 to 24 engineers across the US, Serbia, and Romania
• Launched multiple wrapped token projects, including cxBTC with $100 million TVL. Implemented and optimized DeFi yield strategies on Ethereum and Polygon.
• Designed and led the integration of MetaMask with the Celsius wallet.
• Engineered FireBlocks raw transaction API clients in TypeScript to audit over 5 million customer vaults across 20+ EVM networks, successfully recovering $4+ million in unsupported tokens.

Vellum Capital
Managing Partner
January 2018 - Present (6 years 8 months)
Grand Rapids, Michigan, United States

• Responsible for overseeing critical aspects of the fund, including security and custody of assets, maintaining and developing counterparty relationships, conducting comprehensive market research, and leading digital marketing initiatives.
• Successfully implemented the CryptoCurrency Security Standard (CCSS), employing a standards-based hardware multi-signature custody protocol to ensure robust security of fund assets.

WalletRecovery.info/The Bitcoin Consultancy
Founder
August 2017 - Present (7 years 1 month)
Denver, Colorado, United States

• Aided thousands of customers in recovering Bitcoin/crypto wallets using advanced techniques such as GPU-based brute force attacks, hardware hacking, and smart contract development.
• Pioneered innovative recovery solutions, including jailbreaking smartphones, contributing significantly to the field as evidenced at walletrecovery.info.

Royalty Exchange
Chief Technology Officer
January 2020 - October 2021 (1 year 10 months)
Greater Denver Area

• Orchestrated platform migration to Django REST Framework, ReactJS, Postgres on AWS/Ubuntu.
• Implemented agile software development practices, boosting efficiency and productivity.

• Integrated payments & payouts using Stripe & Plaid APIs for both credit card & ACH support
• Mentored and cultivated a team of developers into technology leaders and key contributors.
• Launched the first Ethereum NFT product that pays in crypto for real-world (ASCAP/BMI) music royalties.

Foundation for Economic Education
4 years 2 months

Director of Technology
December 2015 - January 2020 (4 years 2 months)
Atlanta, GA

• Recruited and led a high-caliber technology team of developers, designers, QA, and product experts.
• Spearheaded the creation of a social media marketing analytics platform backed by a $3 million grant. Open sourced the code and presented research findings at a national conference.
• Authored research reports and presented findings at national conferences.
• Coached teams in domain-driven design for web applications using Bootstrap, HTML5, JavaScript ES6, Webpack, and React.
• Managed RESTful API deployments using ASP.Net across Windows and Linux platforms in AWS.

Director of Marketing
January 2017 - September 2018 (1 year 9 months)
Altanta, GA

Founded the FEE marketing department: hired, trained, and managed the team of five marketers at FEE.
• Formulated marketing strategy and implementation for half a dozen products, including ad ops for FB and
AdWords, publishing email, eBooks, and content marketing to guide customers through the customer journey.
• Created a system for understanding our customer: conducted focus groups and studies to build and verify customer
personas.
• Integrated HubSpot, Salesforce, and other tools into an integrated marketing funnel. Implemented marketing
automation tools that provided customers with targeted calls to action.
• Presented my marketing strategy at national conferences to establish strategic partnerships.

Liberty.me
Founder & Principal Architect
August 2013 - January 2016 (2 years 6 months)
Singapore (Distributed team)

Lead developer and contractor for the Liberty.me technology platform.
Recruited and managed technology team of 20+ contractors and coordinated
with third party agencies. 24 hour development schedule across six time
zones, and continuous delivery through 6500+ code commits.

Principal responsibility for all technology choices, including 80+ plugins, AWS
server architecture, credit card/PayPal/Bitcoin merchant services, partner
content integration, iPhone/Android apps, and much more.   With Bitcoin as a
key payment method, handle operation security, cold storage operations, and
BitPay API integration.

Technologies include: nginx, HVVM, redis, memcached, varnish, easyengine,
Ubuntu
WordPress, BuddyPress, bbPress, git-flow, New Relic, Mandrill, MailGun,
MailChimp.
AWS: EC2, RDS AuroraDB, S3, ElastiCache, CloudFront, SES

EF Education First
4 years 11 months

Software Architect
November 2013 - November 2015 (2 years 1 month)
Shanghai, China

• Directed agile development teams in creating highly successful web and
mobile applications
using .Net/C#, Javascript, ReactJS, & and SQL Server.
• Implemented modern development practices including Scrum, continuous
integration, Git, and code review, significantly elevating team efficiency and
productivity.
• Conducted on-site visits and customer interviews to gather and define
precise requirements for new product developments, ensuring customer-
centric solutions.
• Collaborated with diverse product and academic teams to develop innovative
applications, integrating real-time academic performance feeds and in-
classroom media recording features.

• Pioneered the migration of the technology stack from traditional datacenter environments to the Amazon Web Services cloud platform, enhancing scalability and performance.

Technical Lead
January 2011 - November 2013 (2 years 11 months)
Shanghai City, China

•I played a key role in the design, build, and successful launch of a 14-month project: new Business Management System serving hundreds of schools in three countries.
•Responsible for technical solution design & implementation support for multi-million $ hardware and software investments in hundreds of schools in multiple countries
•Large-scale SOA cloud architecture & hosting (Amazon S3/EC2).
•C#, ASP.Net, MVC 3 Razor, Entity Framework, SQL Server, TFS design and development
•Rich client UI (AJAX, JQuery,Telerik MVC, Knockout.js)
•Continuous integration and Scrum configuration and training
•Assessment & strategic consulting of hardware/software investments

Ludwig von Mises Institute
Webmaster/Software Architect (Consultant)
August 2004 - August 2014 (10 years 1 month)
(Remote - Auburn, Alabama)

• Architected and wrote Sofia CMS, the open source content management system for Mises.org. The CMS hosted from 2004–2014 thousands of articles, terabytes of videos, and hundreds of books.
• Worked with creative agencies, e-commerce managers, editorial staff, and senior staff to collaborate on software, design, media, and content projects.

Match.com
Senior Application Engineer
August 2008 - October 2010 (2 years 3 months)
Dallas, Texas, United States

• First developer on Match.com mobile apps division, writing iOS and Palm (webOS/HTML5/CSS3/Javascript) apps.
• Engineered mobile applications and secure APIs (C#/.Net/SQL Server) for iPhone, Windows Phone, and Android platforms.
• Developed a scalable SMS notification platform reaching over 12 million Match.com users.

Essilor of America
System Engineer II
July 2007 - July 2008 (1 year 1 month)
Dallas, Texas, United States

• Successfully ported a complex prescription lens application for computer lenses from C++ to C#
• Collaborated on the development of an order management application using Windows Forms rich client architecture, which significantly increased the speed at which thousands of optometrists were able to process orders

Reynolds & Reynolds Inc.
Senior Applications Developer
August 2006 - June 2007 (11 months)
Plano, Texas, United States

• Maintained client-facing auto sales catalog for a large 300+ dealership network using ASP.Net and HTML/CSS.

c-Systems Software, Inc.
Application Developer
August 2005 - August 2006 (1 year 1 month)
Arlington, Texas, United States

• Participated in the design of a new web OAGIS-based web service protocol for the motor sports industry and single-handedly beat a major industry team to market by leveraging .Net web services.
• Designed reports and receipt forms for an accounting software suite in Active Reports.

Rhino Machinery
Web developer, database architect, and systems administrator
August 2004 - August 2005 (1 year 1 month)
Austin, Texas Metropolitan Area

• Designed, architected, and built a CRM and online storefront. From concept to production in under six months using ASP.Net, C#, and SQL Server.
• Ported web CRM to a Windows Forms data-entry application for use by global team.
• Worked with the founder to build a marketable software product, met with clients to pitch software, then provided on-site implementation, training, and support.

Texas A&M University

Web Developer
August 2003 - July 2004 (1 year)
College Station, Texas, United States

·   Sole designer and developer of a roommate/apartment matching service utilizing the .Net framework, SQL Server 2000, and Visual Studio 2003.
·   Applied ASP.Net best practices to create complex multi-tiered and object-oriented web applications.

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Education

Texas A&M University - Mays Business School
MSIS, Masters in Management of Information Systems · (2003 - 2004)

General Assembly
Data Science: Python programming, research design, data modeling, & machine learning · (2016 - 2016)

Texas A&M University
Bachelor of Science - BS, Economics & Political Science dual-major · (1999 - 2003)