David Veksler

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Summary

Innovative Tech Executive with 20 years of success architecting and launching mission-critical software platforms. Proven ability to lead global engineering teams, pioneer FinTech initiatives, and align technology strategies with business goals.

✅ Engineering Leadership: Scaled and mentored high-performance teams of 20+ engineers across 3 countries.

✅ Cloud & Blockchain Expertise: Pioneered cloud infrastructure migrations and blockchain initiatives.

✅ Full-Stack Development: Extensive experience in front-end (React, Bootstrap) and back-end (.NET Core, Django, Node.js) technologies, successful launch of 7+ enterprise-grade applications.

✅ Cross-functional Leadership: Partnered with C-suite executives to align technology strategies with business goals, resulting in successful product launches, including a $100M TVL token.

Experience

Senior Software Engineering Manager
Celsius Network (DeFi & CyberDefense teams)
Mar 2022 - Present

- Launched wrapped token projects, including cxBTC with $100 million TVL. Implemented DeFi yield strategies on Ethereum and Polygon.
- Led and scaled three international development teams, growing from 15 to 24 engineers across the US, Serbia, and Romania.
- Spearheaded cross-functional collaboration to launch wrapped token projects backed by proof-of-reserve Chainlink oracles, ensuring regulatory compliance and market fit.
- Designed and led the integration of MetaMask with the Celsius wallet, improving user experience.
- Engineered FireBlocks API clients to audit 5M+ customer vaults across 20+ EVM networks, recovering $4M+ in unsupported tokens.

Chief Technology Officer
Royalty Exchange (Denver)
Jan 2020 - Oct 2021

- Orchestrated platform migration to Django REST Framework, ReactJS, Postgres on AWS/Ubuntu, resulting in over 2x system scalability and performance.
- Integrated payments & payouts using Stripe & Plaid APIs for both credit card & ACH support, decreasing staff support load.
- Implemented Scrum/agile practices, boosting team efficiency and reducing time-to-market to weekly cadence.
- 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.

Director of Technology
Foundation for Economic Education (Atlanta)
Dec 2015 - Jan 2020

- Recruited and led a high-caliber technology team of developers, designers, QA, and product experts.
- Spearheaded a $3M social media marketing analytics platform. Open-sourced code and presented at national conferences.
- Coached teams in domain-driven design using Bootstrap, HTML5, JavaScript ES6, Webpack, and React.

- Managed RESTful API deployments using ASP.Net across Windows and Linux platforms in AWS.

Software Architect
EF Education First (Shanghai)

Jan 2011 - Nov 2015

- Directed agile teams in creating web and mobile applications using .Net/C#, Javascript, ReactJS, & SQL Server.
- Implemented Scrum, continuous integration, Git, and code review practices.
- Collaborated on innovative apps with real-time academic performance feeds and media recording features. Built, launched, and maintained three web apps and two mobile apps for internal and external customers.
- Pioneered migration from on-premise datacenter to Amazon Web Services cloud platform.

Senior Application Engineer
Match.com (Dallas)

Aug 2008 - Oct 2010

- First developer on Match.com mobile apps division, writing iOS and Palm (webOS/HTML5/CSS3/Javascript) apps.
- Engineered mobile apps 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.

Notable Projects

CelsiusX Wrapped Bitcoin (cxBTC)

- Pioneered a $100M TVL wrapped Bitcoin asset on Polygon, bridging CeFi and DeFi ecosystems
- Implemented Chainlink Proof of Reserve for unparalleled transparency and security
- Engineered real-time, fee-free conversion between native and wrapped assets, boosting liquidity

JellyFish Insights Analytics Platform

- Architected an open-source, multi-platform social media analytics tool for non-profits
- Developed custom BI features, empowering organizations with data ownership and advanced reporting
- Presented at national conferences, showcasing innovative approach to data aggregation and visualization

Match.com Mobile Ecosystem

- Spearheaded Match.com's mobile API architecture, developing secure, versioned APIs for iOS, Android, WebOs, and Windows Phone
- Built high-performance SMS system reaching 12M+ users, driving engagement and retention
- Optimized API and implemented caching, improving app performance by 5x+

Education

MSIS, Masters in Management of Information Systems
Mays Business School - Texas A&M University

2003 - 2004

Data Science: Python programming, research design, data modeling, & machine learning
General Assembly

2016

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

1999 - 2003

Technical Expertise

Programming Languages:

⟨⟩ Expert (10+ years): C#, .NET Framework (Services, Web, Mobile, & Desktop), SQL, HTML/CSS
⟨⟩ Proficient (5+ years): TypeScript, JavaScript, Python
⟨⟩ Familiar (2+ years): Node.js, Solidity, PHP, Rust, Objective C

Web Technologies:

🌐 Frontend (8+ years): React, HTML5, CSS3, Bootstrap, Webpack
🌐 Backend (10+ years): ASP.NET Core, Blazor, Node.js, Django, WordPress, WooCommerce
🌐 API Design (7+ years): RESTful, SOAP, Swagger/OpenAPI, API versioning, CORS, etc

Blockchain & Cryptocurrency:

₿ Platforms (5+ years): Bitcoin, Ethereum, Polygon, Layer 2 solutions
₿ Tools (4+ years): Web3.js, Ethers.js, MetaMask API, MEV (flashbots), Truffle
₿ Architecture (6+ years): Trading engine design, market making, DeFi yield strategies, multisig custody, tx fee optimization, Blockchain oracles

Cloud & DevOps:

☁ Platforms (8+ years): AWS (EC2, S3, RDS, ElastiCache, Lambda), Cloudflare
☁ CI/CD (7+ years): TeamCity, GitHub Actions, Docker
☁ Databases (10+ years): SQL Server, PostgreSQL, MySQL, Redis, T-SQL, Elasticsearch

Methodologies:

⛗ Agile (10+ years): Scrum, Kanban, SAFe, Lean, XP
⛗ Architecture (8+ years): Domain-driven design, Event-driven architecture, Microservices, n-tier, CQRS
🐛 Testing (7+ years): TDD, Automated testing, Selenium

FinTech-specific:

💳 Payment Integrations (5+ years): Stripe, Plaid, PayPal, ACH, ATM payouts
🛡 Compliance (4+ years): KYC/AML protocols, GDPR, PCI DSS, financial regulations
🔒 Security (6+ years): OAuth 2.0, JWT, SSO, Two-factor authentication, crypto custody providers

Project Management:

🗔 Tools (8+ years): JIRA, Trello, Figma, Notion
👥 Team Leadership (10+ years): Mentoring, Performance reviews, Agile coaching