

# David Veksler

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## Summary

Innovative Software Engineering Leader with 20 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 global locations.
- ✓ Cloud & Blockchain Expertise: Pioneered cloud infrastructure migrations and blockchain initiatives.
- ✓ Agile Transformation: Implemented agile methodologies
- ✓ Full-Stack Development: Extensive experience in front-end (React, jQuery) and back-end (Node.js, .NET Core) technologies, resulting in the successful launch of 6+ enterprise-grade applications.
- ✓ Cross-functional Collaboration: Partnered with product, marketing, and C-level executives to align technology strategies with business goals, launch a \$100M TVL token.

## Experience

### Senior Software Engineering Manager

#### Celsius Network (DeFi & CyberDefense teams)

Mar 2022 - Present

- Launched multiple 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, 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 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 (4 years 11 months)

- 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.

## 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,

### Blockchain & Cryptocurrency:

- ₿ Platforms (5+ years): Bitcoin, Ethereum, Polygon, + many more
- ₿ 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, smart contract development

### Cloud & DevOps:

- ☁ Platforms (8+ years): AWS (EC2, S3, RDS, ElastiCache, Lambda), Cloudflare
- ☁ CI/CD (7+ years): TeamCity, GitHub Actions, Docker

### 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

Swagger/OpenAPI, API versioning, CORS, etc

☁ Databases (10+ years): SQL Server, PostgreSQL, MySQL, Redis, T-SQL, Elasticsearch

### Project Management:

📅 Tools (8+ years): JIRA, Trello, Figma, Notion

👥 Team Leadership (10+ years): Mentoring, Performance reviews, Agile coaching