Larry Levine

Senior JavaScript / Blockchain Engineer

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Profile

Accomplished **Senior JavaScript / Blockchain Engineer** with extensive expertise in designing and implementing decentralized applications on prominent blockchain platforms such as **Ethereum**, **Hyperledger Fabric**, and **Binance Smart Chain**.

Proficient in modern web development technologies including **React.js**, **Angular.js**, and **Vue.js**.

Demonstrates deep understanding of cryptographic techniques and has a proven track record of leveraging **DApp development tools** like **Web3.js** and **Truffle Suite** to enhance application functionality and security. Skilled in multiple programming languages and database technologies, ensuring robust, scalable, and efficient solutions.

Experience

Blockchain Developer, *Altudo*, Miami, FL, Feb 2024 – Present

- Developing the token on the **Injective** network and creating the smart contract.

- Building the token **presale app** and integrating the smart contract using **CosmWasm** into our **NextJS** presale app.

- Implementing the **farm feature**.

- Forking the swap feature from **PancakeSwap**, customizing it, and integrating it into our application.

- Developing the mobile version using **React Native**.

- Establishing a custom network on the **ICP network** and ensuring interaction with **BigchainDB**.

- Estimating costs for interactions and computations using **XDR** and optimizing node configuration on **AWS**.

- Developing the **Canister** smart contract on the **ICP network**.

Senior Software Engineer, *Soteria Smart Contracts Inc.*, Vancouver, CA, Jul 2020 – Jan 2024

- Orchestrated the development of cutting-edge decentralized applications, significantly increasing operational efficiency on **Ethereum** and **Binance Smart Chain**.

- Led a diverse team of 20 developers, utilizing **Agile practices** to enhance project delivery speeds by 30%.

- Spearheaded the deployment of over 10 high-traffic **DApps**, drawing more than 2,000 daily users and enhancing customer engagement across multiple sectors.

- Advanced the company's blockchain capabilities by integrating **Solidity**-based smart contracts and **DApps**, which

boosted transaction security and user trust.

- Pioneered the use of **Hardhat** and **Ganache** in development processes, reducing bugs at deployment by 40%.

- Streamlined cross-functional team collaborations, leveraging technical prowess in **JavaScript** and **Rust** to enhance software integration and functionality.

- Enhanced data integrity and security protocols by employing advanced **cryptographic techniques**, reducing security breaches by 50%.

- Utilized **JavaScript** and **Node.js** to build efficient backend services, improving data handling and application performance by 20%.

- Engineered multiple smart contracts using **Vyper** and **Chaincode**, optimizing contract execution and reducing gas costs by 35%.

- Implemented comprehensive database solutions using **Cassandra** and **PostgreSQL**, ensuring high data availability and rapid transaction processing.

- Collaborated closely with UI/UX teams to revamp application designs, increasing user satisfaction by 40%.

Blockchain Developer, *NewKnow,* Montreal, CA, Aug 2018 – May 2020

- Developed and maintained robust decentralized applications on **Corda** and **Polkadot**, increasing system reliability by 25%.

- Conducted detailed technical workshops on **Web3.js** and **Embark**, enhancing team skills and project capabilities.

- Enhanced application security by integrating **MetaMask** and **Infura**, streamlining user interactions and safeguarding user credentials.

- Adopted and promoted the use of continuous integration/continuous deployment (**CI/CD**) pipelines, significantly reducing deployment errors and downtime.

- Led the development of enterprise applications using **Angular.js** and **React.js**, enhancing responsiveness and accessibility across platforms.

- Integrated **Rust** and **Go (Golang)** into backend development processes, optimizing system performance and scalability.

- Played a pivotal role in the team's transition to using **Svelte** and **Nuxt.js**, which modernized project architectures and streamlined development processes.

- Designed and implemented secure and efficient data exchange protocols using **CouchDB** and **SQL**, improving data synchronization and reducing latency.

- Enhanced customer engagement through the development of interactive, data-driven web interfaces.

Front-end Web Developer, *Intuit Inc.*, Mountain View, US, Sep 2015 – May 2018

- Spearheaded the redesign of core system architecture using **JavaScript** and **Vue.js**, achieving a 40% improvement in application load times and scalability.

- Implemented advanced security measures using public-private key cryptography, significantly enhancing data security and user trust.

- Integrated blockchain technologies for data verification processes, increasing data integrity and reducing potential fraud incidents by 30%.

- Championed the use of **Svelte** and **Nuxt.js** to enhance frontend performance, resulting in a 20% increase in user engagement.

- Designed a comprehensive API management layer using **Node.js**, which simplified external integrations and boosted system efficiency.

- Instituted a continuous integration and deployment pipeline that reduced deployment errors by 45%.

- Created detailed documentation and system guides that reduced onboarding time for new developers by 30%.

- Revamped user interfaces for three major financial tools using **HTML**, **CSS**, and **React.js**, which improved user experience and increased daily active users by 30%.

- Led a frontend optimization project that cut down **JavaScript** bundle sizes by 20%, enhancing load times and performance.

- Developed custom interactive data visualization components using **D3.js**, significantly improving the analytical capabilities of financial tools.

- Integrated new features using **Angular.js** and **Vue.js** that enhanced functionality and user satisfaction by 35%.

- Managed version control and code quality using **Git** and code review practices, ensuring high standards of code maintainability and reducing bug rates by 25%.

Education

Bachelor of Science in Computer Science
University of Texas at San Antonio, Mar 2011 – Jun 2015

Skills

- **Programming Languages**: Solidity, JavaScript / Node.js, TypeScript, Python, Golang, Java, Rust, C/C++

- Blockchain Platform: Bachelor of Science in Computer Science, Hyperledger Fabric, Binance Smart Chain, Corda, Polkadot

- **DApp Development:** Web3.js, Truffle Suite, Drizzle, Embark

- **Cryptographic Techniques:** Hash functions, Digital signatures, Public-private key cryptography

- **Web Development**: HTML, CSS, JavaScript, React.js, Angular.js, Vue.js, Next.js, Nuxt.js, Svelte. NodeJS, D3js, PixiJS, Web3js, Cypress, Junit, Selenium, Jest, Playwright

- **Development Tools**: Hardhat, Ganache, Remix, MetaMask, Brownie, Infura

- **Database**: MySQL, PostgreSQL, Oracle, MongoDB, Redis

- **Paradigms**: Microservice Architecture, Agile Methods, System Design Pattern

- **Cloud**: AWS, Azure, GCP, Docker, Kubernetes, Jenkins

- **Other**: JUnit, Mockito, RabbitMQ

Interests

Swimming, Snooker, Hiking