THOMAS LE

Senior Full-Stack JavaScript Engineer

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PROFESSIONAL SUMMARY

Senior full-stack JavaScript engineer with 10+ years of professional development experience and 20+ years of total programming expertise. Proven track record of architecting and shipping large-scale, production-ready applications serving thousands of users. Specializes in React, Node.js, and modern web technologies with extensive experience in blockchain development, technical leadership, mentoring, and collaborative development. Passionate about open source contributions and building robust, scalable systems. U.S. Army veteran. Founder of Reality Flux, LLC.

PROFESSIONAL EXPERIENCE

Senior Full Stack Web Developer

BackBone Labs

Jan 2022 - Present

- Architected backend API and database schema for multi-chain NFT Marketplace (Necropolis) and Launchpad (Necromancer) serving thousands of active users
- Led technical decisions on system architecture, database optimization, and API design for high-traffic production apps
- Implemented CI/CD for smart contract deployments and web app releases across multiple blockchain networks
- Maintained and enhanced LST platform (Gravedigger) with focus on system reliability and UX
- Remote collaboration with international team, providing technical leadership and code reviews

Owner/Software Developer

Reality Flux, LLC

Jan 2021 - Present

- Full-stack dApp development with TypeScript and modern frontend frameworks for blockchain interaction
- Comprehensive testing suites using Mocha/TypeScript for smart contract validation
- Custom API endpoints for data retrieval and filtering
- Production-ready escrow system for NFT domain name transfers (adopted as FIO chain system contract)

Senior Software Developer

Orbital Command

Apr 2021 - Apr 2022

- High-performance arbitrage bots using TypeScript/Node.js for real-time blockchain trading
- Smart contract development and technical architecture decisions

Software Developer III

Tetra Tech

Mar 2020 - Aug 2021

- Developed Drug/Alcohol abatement management portal for FAA using Angular 8 and ASP.NET Core
- Mentored junior developers in Agile environment
- Full-stack development with SQL Server, Entity Framework Core 3.0, Elasticsearch
- Mission-critical federal aviation administration regulatory compliance application

Software Developer
amshot
Oct 2017 - Mar 2020

- Full-stack applications with Angular 2+, .NET, and PHP for multiple client projects
- Led technical interviews and mentored junior/mid-level developers
- Built reports and dashboards using Power BI
- Project estimations and technical consultation
- Due diligence apps, tax management systems, database conversion tools

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Node.js, Rust, C#, HTML5, CSS3, SQL

Frontend: React, Next.js, Angular, PrimeNG, Responsive Design

Backend: Express.js, ASP.NET Core, RESTful APIs, Microservices

Databases: MySQL, SQL Server, PostgreSQL, Entity Framework, Knex.js

DevOps: CI/CD, Git, Testing (Mocha, Unit Testing), Deployment Automation

Blockchain: Smart Contracts, Cosmos SDK, CosmWasm, IBC, EOSIO, Bitcoin Core

LEADERSHIP & COMMUNITY

UCO Computer Science Advisory Board (2023 - Present)

Teaching Assistant, CTRL+SHIFT Code School (Oct - Dec 2019) — Mentored women in tech

Robotics Team Mentor, Metro Technology Centers (Aug 2018 - Apr 2019) — FIRST Robotics

EDUCATION & CERTIFICATIONS

CompTIA Security+ Certification

Information Technology Specialist (25B), U.S. Army — Ft. Gordon School of Information Technology (2010)

AS, Business Administration — American InterContinental University (2005)