

Logan Falkenberg

Full-Stack Software Engineer

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Full-stack software engineer experienced in building and shipping production applications with React, TypeScript, Java, and Spring Boot. Skilled in REST API development, PostgreSQL and MyBatis data access, authentication and authorization, and production observability, with a strong track record of improving performance and reliability across enterprise systems.

EXPERIENCE

Qvest US *Software Engineer*

Aug 2025 — Present

- Cut the largest API payloads by over 99% and request latency by ~72% in a React/Spring Boot enterprise application through backend query optimization and centralized frontend state management.
- Shipped and maintained full-stack features in Java, Spring Boot, React, and TypeScript, spanning REST APIs, authentication flows, and third-party integrations.
- Implemented end-to-end observability across backend services and the React frontend with Grafana, covering metrics, log aggregation, dashboards, and frontend performance monitoring; extended application authentication to securely expose observability endpoints.
- Reduced frontend bundle size by 84% using Webpack Bundle Analyzer, then integrated bundle reporting into CI to catch future size regressions.

Freelance *Full-Stack Developer*

Jan 2022 — Aug 2025

- Built and shipped full-stack web apps for business, portfolio, community, and utility use cases, modernizing legacy PHP/WordPress sites into performant React and Next.js frontends with TypeScript, Supabase, RTK Query, Contentful, and Vercel.
- Integrated agentic AI workflows to automate end-to-end testing and raise reliability across production deployments.

Code Ninjas Kyle *Lead Instructor*

Mar 2019 — Jul 2025

- Led a 10+ person instructor team and taught 1,000+ students to build and deploy real applications and games in JavaScript, Lua, and C#.

PROJECTS

Robert Falkenberg Author Website robertfalkenberg.com ↗

Migrated a legacy WordPress site to Next.js with server and client components and Contentful as a headless CMS, improving performance, scalability, and the author's content workflow.

FalkGen Password Generator falkgen.com ↗

Fully client-side password generator with real-time strength feedback, built in Next.js and deployed on Vercel with zero server-side data handling.

Stock Contender *AI stock analysis* github.com/.../Stock-Contender-App ↗

Desktop analysis tool pairing the OpenAI API with real-time financial data pipelines and a custom multi-factor ranking algorithm that scores and surfaces candidates across sectors.

EDUCATION

Texas State University — San Marcos

Jan 2023 — May 2025

B.S. Computer Science, Minor in Mathematics · Major GPA 3.8 / 4.0 · *Dean's List, Spring 2023 — Spring 2025*

SKILLS

LANGUAGES	Java, JavaScript, TypeScript, Python, C++, C#, SQL, HTML/CSS
FRAMEWORKS	React, Next.js, Spring Boot, MyBatis, Flask, RTK Query, REST APIs
DATA & OBSERVABILITY	PostgreSQL, Supabase, Grafana, Prometheus, Loki, Micrometer
TOOLS	Git, Linux, CI/CD, Bitbucket, Heroku, Vercel, Contentful, OpenAI API, Resend