

Summary

Full-stack software engineer focused on Next.js/TypeScript and Java/Spring who has shipped routing migrations, design systems, and data integrations that reduced JavaScript payloads by over 50% and improved page load times. Recently completed an undergraduate degree in software engineering and gained practical coding experience through open-source contributions in Reactime, Snaps, and Choreify. Unique combination of financial services and controls disciplines are a valuable complement to code reviews, testing, and incremental delivery to build secure, reliable software.

Education

Western Governors University - **Bachelor of Science, Software Engineering**

Graduated April 2025

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, Java, Python, HTML/CSS, SQL

Libraries/Frameworks: Spring Boot, Next.js, React, Redux, React Router, Express, Tailwind CSS, Jest, MongoDB, Mongoose, Puppeteer

Developer Tools: Claude, Github, Github Actions, Postman, ESLint + Prettier, Playwright, Git, Docker, Docker Compose, Prisma Studio

Certifications: AWS Cloud Practitioner, ITIL Foundation Certificate in IT Service Management

Experience

MealMatch AI

November 2025 – Present

Software Engineer

- Engineered a Budget Overview feature in React Native by designing UI states, integrating API responses, and implementing client-side calculations/formatting, delivering a clear spending summary for users.
- Unblocked stalled feature work by debugging React Native and Flask integration issues and coordinating clear handoffs/ownership, cutting turnaround from multi-week cycles to a few days.
- Resolved JWT signature verification failures by tracing authentication from mobile client to Flask middleware and database-backed user/session assumptions, eliminating silent authentication breakages, and stabilized login/session flows.
- Created an AI context and documentation system (structured YAML + human-readable guides) to keep repo context consistent for contributors and AI tools, significantly reduced prompt bloat, improved the speed/accuracy of code changes, and reduced token usage by 40% across multiple agent runs.

American Dog Society

June 2024 – July 2024

Software Engineer Intern

- Migrated Next.js Page Router to App Router with Server Components, cutting client-side JS bundle size and improving load times by 50%+.
- Engineered a modular design system with Tailwind/DaisyUI to replace global CSS, reducing conflicts, improving scalability, and enabling more maintainable component-level styling.
- Prototyped secure authentication using NextAuth.js with JWT-based sessions and custom React hooks, ensuring reliable session state management, seamless protected route access, and a smoother overall user experience.

Reactime - Chrome developer tool for time travel debugging

November 2023 - April 2024

Software Engineer

- Leveraged the Chrome Debugger API and React DevTools to capture and visualize DOM changes in real time, streamlining accessibility testing, reducing manual review time, and helping developers identify performance or accessibility issues faster.
- Optimized React's rendering logic by implementing conditional component updates and controlled accessibility tree generation, reducing time to first paint by 25% and improving overall UI responsiveness.
- Enhanced SPA navigation with React Router's NavLink, improving accessibility compliance and reducing redundant network calls.
- Architected a global state management solution with Redux Toolkit to streamline data flow across components, improving rendering efficiency for a more scalable React application.
- Authored technical documentation and collaborated with senior engineers, ensuring smooth integration with existing codebases and guiding future enhancements.

LiquidX, Inc.

September 2019 – July 2023

Compliance Assistant Vice President

- Designed case management workflow to automate screening incoming clients through adverse media tools by leveraging Dow Jones Risk and Compliance management software to implement a robust compliance program, reducing analyst review time by 80%.

JPMorgan Chase & Co.

July 2017 – September 2019

Compliance Officer, Associate

- Leveraged Excel VBA scripts and NICE Actimize case management tools to analyze suspicious financial transactions by implementing fuzzy logic algorithms that flagged suspicious transactions, resulting in the filing of over 100 Suspicious Activity Reports and reporting over \$500 million in suspicious transactions.