

Public portfolio version – contact via website for full resume or references.

Stephanye Blakely

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Professional Summary

Full Stack Software Engineer with 4+ years of experience building and scaling high-performance web applications across enterprise, startup, and freelance environments. Proficient in JavaScript/TypeScript, React, Node.js, and Java, with additional experience in Python and GraphQL for APIs and tooling. Skilled at designing distributed systems, optimizing performance, and delivering engaging, reliable user-facing products. Adept at building automation frameworks, contributing to shared libraries, and improving developer velocity. Passionate about crafting innovative user experiences, streamlining workflows, and contributing to collaborative engineering cultures.

Technical Skills

- **Frontend:** JavaScript (ES6+), TypeScript, React (Hooks, Context API, Redux), Vue.js, HTML5, CSS3, TailwindCSS, Responsive Design, Accessibility (WCAG/ARIA), Performance Optimization
- **Backend:** Java, Spring Boot, Node.js, Express.js, RESTful APIs, Python (automation/tooling), Authentication/Authorization (JWT, OAuth), PostgreSQL, SQL (data modeling, relational databases), MongoDB, GraphQL
- **Cloud & DevOps:** AWS (Lambda, ECS, S3), Docker, CI/CD Pipelines, Vercel, Heroku, Kubernetes (familiarity), Logging/Monitoring tools
- **Testing & Quality Assurance:** Unit/Integration Testing, Automated Testing Frameworks, Debugging, Test-driven Development, Metrics Collection, Documentation
- **Tools & Collaboration:** Git/GitHub, Jira, Postman, ThunderClient, Figma (wireframing/prototyping), Visual Studio Code, Agile/Scrum methodologies
- **Testing & QA:** Automated testing frameworks, Integration/system testing, Debugging, Test-driven development, Documentation, Metrics collection
- **Other:** API Integrations, System Optimization, Developer Productivity Solutions, Strong commitment to reliability and scalability

Projects & Achievements

UmbraMind Journaling App - Independent Project

- Designed and deployed a journaling and self-reflection web app with **TypeScript, Vite, TailwindCSS, Supabase, PostgreSQL, and OpenAI API**.
- Implemented AI-driven insights, mood tracking, and analytics dashboards to improve journaling consistency and user engagement.
- Demonstrated expertise in integrating AI into full-stack architecture and delivering scalable, data-driven, user-centered applications.

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Professional Experience

Freelance Software Developer | Self-Employed - Sept 2023 – Present

- Delivered full-stack applications for small businesses, including **NFNT Studios**, a responsive website with SEO optimization, accessibility compliance (WCAG/ARIA), secure contact forms, Lightbox image galleries, and integrated booking (Calendly) to support client acquisition and studio visibility.
- Built and optimized scalable frontends with React/Tailwind and secure backends with Node.js, PostgreSQL, and REST APIs.
- Enhanced client success through scalable solutions that increased visibility, accessibility, and engagement.

Software Development Engineer | Amazon AWS - June 2022 – Sept 2023

- Engineered **scalable, production-ready cloud applications** with TypeScript, React, Java, GraphQL, AWS Lambda, ECS, and DynamoDB.
- Enhanced system **reliability and performance** by implementing robust API designs, automated testing suites, and CI/CD pipelines.
- Partnered with cross-functional teams in Agile cycles, delivering high-quality features while **optimizing developer velocity**.
- Improved reliability through logging/monitoring systems and participated in on-call rotations to support production services.

Back End Software Engineer (Contract) | American Express - Oct 2021 – June 2022

- Improved **high-volume, distributed backend systems** with Java and Spring Boot, enabling secure international credit card approvals.
- Designed unit and integration testing frameworks that reduced production defects and improved deployment readiness for global API systems
- Collaborated with global teams to ensure secure, reliable data transfers between services.

Software Engineer & Lead Support Engineer | DentalHQ - Feb 2021 – June 2022

- Built and maintained **full-stack SaaS solutions** with React, Node.js, SQL, and Heroku, enabling dental practices to manage KPIs and financial data.
- Integrated third-party APIs (DocuSign, Salesforce, Stripe), **streamlining workflows and improving scalability**.
- Promoted into leadership, managing support engineers and writing technical documentation to improve troubleshooting and onboarding.

Education & Certifications

Hack Reactor Engineering Immersive Program - Graduate, 2020

Intensive software engineering program with focus on JavaScript, full-stack development, algorithms, and collaborative project work.

Per Scholas - Full Stack MERN Development, August–December 2025

Industry-aligned training program emphasizing React, Node.js, MongoDB, and cloud deployment practices.

University of Louisville - 85+ credit hours toward B.S. in Computer Engineering & Computer Science (focus: Java, Data Structures, Engineering Analysis)