Stephanye Blakely

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Professional Summary

- Software Engineer with 5+ years of experience designing, developing, testing, and supporting business applications across enterprise, SaaS, and cloud environments.
- Strong experience with Java, JavaScript, TypeScript, React, REST APIs, SQL databases, AWS, and system integrations.
- Experience building internal business tools, troubleshooting production issues, documenting software solutions, and collaborating with cross-functional teams.
- Comfortable working with APIs, structured data, reporting workflows, file processing, and modern AI-assisted development tools.
- Passionate about delivering reliable software that improves business processes and creates excellent user experiences.

Certifications

IBM Artificial Intelligence Practitioner Certification – March 2026
AWS Certified Developer – Associate *(Exam scheduled: November 30, 2026)*

Education

Western Governor's University – B.S. Software Engineering (Projected Graduation: June 2027)
Hack Reactor Engineering Immersive Program – Graduate
Per Scholas - Full Stack MERN Development Graduate
Louisville Technical Institute – Associates of Applied Science in Interior Design Graduate

Technical Skills

- **Front-end:** JavaScript (ES6+), TypeScript, React (Context API), State Management (Hooks, Redux), Vue.js, HTML5, CSS3, TailwindCSS, Responsive Design, Accessibility (WCAG/ARIA), Component Libraries (Material UI, Cloudscape)
- **Backend:** Java, C#, Spring Boot, Node.js, Express.js, GraphQL, REST APIs, Python (Automation/Tooling), Authentication/Authorization (JWT, OAuth), SQL, PostgreSQL, MongoDB
- **Cloud & DevOps:** AWS (ECS, S3, Lambda, DynamoDB), CI/CD Pipelines, Vercel, Heroku, Docker (containerization), Git/GitHub, Logging/Monitoring tools
- **Testing & Quality Assurance:** Debugging, Jest, Mocha, React Testing Library, Troubleshooting, Documentation, Metrics collection, Preventative maintenance basics, Unit/integration testing
- **Tools & Collaboration:** Jira, Postman, Figma (wireframing/prototyping), Visual Studio Code, Agile/Scrum methodologies
- **Business Systems and Data:** Microsoft 365, Google Workspace, JSON, CSV, Data Processing, Excel, Word, AI-Assisted Development

Professional Experience

Software Engineer | ITC Management Group - 12/23 – Present

- Supervised the work of 3 Junior Software Engineers and participated in code reviews
- Developed and maintained web applications and business systems for multiple clients, applying software engineering, troubleshooting, and performance optimization practices.
- Improved website performance by approximately 25–35% through code optimization, lazy loading, and frontend performance enhancements.
- Improved Lighthouse accessibility scores from approximately 70 to 95+ through WCAG 2.1 and ARIA compliance improvements.

- Integrated third-party services and APIs, including Stripe and Calendly, to support payment processing, scheduling, and automated business workflows.
- Maintain client websites and application infrastructure, troubleshoot issues, and provide technical recommendations for reliability, usability, and ongoing maintenance.
- Collaborated with stakeholders to meet project requirements and deliver all products and updates within agreed deadlines.

Software Development Engineer | Amazon Web Services - 06/22 – 09/23

- Designed, built, and maintained production cloud applications using React, TypeScript, Java, GraphQL, AWS Lambda, ECS, and DynamoDB, supporting distributed systems, APIs, structured data processing, and internal workflow platforms at enterprise scale.
- Built and optimized React-based user interfaces for internal tools and customer-facing workflows, improving usability and performance across distributed cloud systems.
- Owned end-to-end resolution of a critical throttling defect by building Java/DynamoDB Back-end endpoints and React/TypeScript (Cloudscape) UI workflows, reducing workflow execution failures by up to 6% and preventing 5–12 stalled jobs per month for teams running 200+ automated processes.
- Partnered with product managers, designers, and QA teams in Agile/Scrum cycles to deliver tested, maintainable features and create comprehensive technical documentation using Git-based workflows, pull requests, and CI/CD pipelines.
- Participated in peer code reviews, technical design discussions, and Agile planning, as well as provided mentoring to interns to maintain high engineering quality standards.

Java Engineer (Contract) | American Express - 10/21 – 06/22

- Developed and maintained Java/Spring Boot microservices supporting high-volume international credit card authorization workflows, ensuring reliable communication between distributed financial systems.
- Designed and expanded automated unit and integration testing frameworks, improving deployment confidence and reducing production defects across critical services.
- Collaborated with engineers, QA, and cross-functional teams across multiple regions to investigate production issues, validate API behavior, and deliver secure, reliable financial transaction processing.

Software Engineer & Lead Support Engineer | DentalHQ - 02/21 – 09/22

- Designed and developed full-stack SaaS features using React, Node.js, SQL, and Heroku to support payment plans, financial reporting, customer management, and business analytics for dental practices nationwide.
- Integrated complex third-party business systems including Stripe, Salesforce, and DocuSign APIs, extending platform capabilities while supporting electronic signatures, CRM synchronization, payment processing, and workflow automation.
- Promoted to Lead Support Engineer, leading technical investigations of complex production issues, mentoring support engineers, improving troubleshooting documentation, and serving as an escalation point between customers and engineering.
- Investigated and resolved complex production issues involving financial calculations, payment processing, and transactional reporting by debugging React, Node.js, PostgreSQL, and third-party integrations.
- Served as the primary escalation engineer for high-impact customer issues, reproducing defects, identifying root causes within the application codebase, implementing fixes, and communicating technical solutions directly to customers.