

Kimani Muhammad
Backend-Focused Software Engineer | Java | AWS | Microservices
Palmdale, CA | Remote / Open to Relocation
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Summary

Software Engineer with 2+ years of experience building secure, scalable Java Spring microservices at JPMorgan Chase. Proven ability to lead migration projects, improve reliability through automation, and drive full-stack development. Committed to delivering business impact with clean, maintainable code.

Professional Experience

Revature – Full Stack Software Developer

May 2022 – September 2023 | Remote

- Developed backend API systems using Java Spring, crafting modularized services using an OOP design for scalable architecture. Enabled seamless expansion of new endpoints without service disruption.
- Designed and managed PostgreSQL and Oracle databases for high-volume applications. Optimized data retrieval with relational ID-linked tables, boosting performance and UX.
- Collaborated with designers on React interfaces, adding dark mode and accessibility features that raised usability satisfaction by 25% in testing.
- Contributed across all phases of the SDLC using Agile. Increased sprint completion rate by 15%, accelerating delivery timelines.

JPMorgan Chase – Full Stack Software Developer

Aug 2022 – May 2024 | Remote / Plano, TX

- Spearheaded microservice migration project, designing Java Spring services used as blueprints for legacy system decomposition; enabled smoother AWS cloud migration.
- Built automated Selenium testing suite on Kubernetes with Grafana monitoring; increased system uptime to 99%.
- Developed and deployed secure REST APIs with JWT-based authentication for customer account management.
- Maintained CI/CD pipelines using Jenkins and Git; improved deployment reliability across teams.

- Conducted code reviews and testing (JUnit, Postman) to maintain high-quality, scalable codebase.

Leadership & Impact

- **Legacy modernization:** Led initiative to modularize legacy codebase, influencing long-term architecture strategy.
- **Platform reliability:** Reduced production incidents with proactive testing/monitoring automation.
- **Cross-functional collaboration:** Worked across QA, DevOps, and product teams to deliver sprint goals under Agile workflows.

Education

B.S. Computer Science – Software Development (In Progress)

Southern New Hampshire University | *Expected Spring 2026*

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, SQL

Frameworks: Spring Boot, React, Node.js

Cloud & DevOps: AWS (EC2, Lambda, RDS, S3), Jenkins, Git, Kubernetes

Tools: Postman, JUnit, Jest, MySQL, MongoDB

Practices: Agile, Scrum, CI/CD, TDD

Projects

- **SkyView – E-commerce Web App** (React + Spring Boot + PostgreSQL): Developed full-stack e-commerce site with secure auth, product browsing, and checkout flow.
- **Notecard Service API** (Java + Spring + AWS + React + TypeScript): Created scalable note-taking service; managed GitHub pull requests.
- **Expense Reimbursement System** (Java + Tomcat + Postman): Built custom servlet-based app for submitting/managing expense requests.

- **Shopify Freelance Development** (2019–2022): Enhanced UX and responsiveness for e-commerce clients by modifying Shopify themes.

Certifications

- AWS Certified Cloud Practitioner
- Java
- React + Redux
- Responsive Web Design
- JavaScript
- HTML / CSS
- Python
- Google IT Support Professional