OLUWATOBI AWOYOMI

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PROFESSIONAL SUMMARY

Software Engineer with 6 years of hands-on experience specializing in building scalable, high-performance software solutions. Proficient in Java, Spring, and RESTful Web services, with a strong foundation in modern software development practices. Adept at collaborating with cross-functional teams to deliver innovative solutions that enhance user experience and drive business value. Committed to continuous learning and contributing to impactful projects in dynamic, fast-paced environments.

SKILLS

Java, Spring Boot, JavaEE, REST APIs, JUnit, Docker, Kubernetes, Jenkins, Maven, AWS, Agile, Apache Kafka, Git, NoSQL, SQL, Hibernate

PROFESSIONAL EXPERIENCE

Vertex Software Corp., United States | *Senior Software Engineer*   Feb 2023 - April 2024

- Developed and optimized microservices for key platform components using Java, Spring Boot, and RESTful APIs, ensuring seamless integration across critical services.
- Designed and implemented serverless, event-driven architecture leveraging AWS S3, SQS, SNS, Lambda, and RDS, enabling high-performance, near-real-time processing.
- Utilized AWS SAM (Serverless Application Model) for efficient infrastructure management and deployment of cloud-native microservices.
- Implemented a Command Query Responsibility Segregation (CQRS) pattern within a high-demand system using PostgreSQL, and MongoDB, optimizing read and write operations and achieving a 35% increase in query response time.
- Optimized API performance and database queries, reducing response times and improving overall platform efficiency and scalability.

Seamfix | *Java Developer*   June 2021 - Jan 2023

- Designed, implemented, and integrated B2B solutions that streamlined customer acquisition processes and improved operational efficiency, enhancing client satisfaction and reducing processing times.
- Troubleshoot and integrate external APIs to enable smooth interactions with third-party services, enhancing features such as payments, notifications, and identity verification.
- Migrated legacy JakartaEE applications to Spring Boot, increasing development efficiency by 30% and accelerating deployment speeds, significantly enhancing scalability and maintainability across multiple critical modules.
- Designed and implemented secure authentication mechanisms with OAuth 2.0, JWT, and Spring Security, improving platform security and user access control.
- Provided guidance and mentorship to intern engineers, supporting their growth in core technologies, and contributing to a satisfactory and high conversion rate of interns to full-time roles on key projects
- Automated CI/CD pipelines using Jenkins, Helmfile, and AWS CloudFormation, reducing deployment time by 70% and ensuring seamless infrastructure management.

Union Bank of Nigeria | *Full-Stack Java Developer*   Jan 2019 - May 2021

- Architected and engineered migrations of the Bank's Corporate Internet Banking platform from a monolithic MVC architecture to a microservices-based system using Java and Spring Boot, Design patterns, boosting scalability by 70% and increasing system availability to 99.9%.
- Refactored server-side logic from Servlets to RESTful APIs using Spring Boot, making the system more modular and maintainable.
- Contributed to full-stack development by debugging and implementing new features with JSP, Angular, JavaScript, HTML, and CSS in a web application, focusing primarily on backend integration and performance optimization.
- Optimized microservices performance with distributed caching strategies, JDBC, and Oracle database optimization, achieving a 60% improvement in transaction processing speed, and enhancing the overall user experience.
- Implemented secure access protocols for microservices using Spring Security with JWT and OAuth 2.0, strengthening platform security and replacing session-based authentication.
- Built a robust test-driven development (TDD) workflow with JUnit and Mockito, which improved code reliability and reduced production bugs by ensuring comprehensive test coverage.
- Developed and integrated an observability and monitoring system using Prometheus, Zipkin, Elastic Search, and Grafana, providing monitoring, tracing, and diagnostic capabilities, offering critical analysis of system performance and health.

EDUCATION

Maharishi International University, Iowa, USA | Master's, Computer Science (*In progress via distance education*)   May 2024 -Dec 2026
Federal University of Technology, Minna, Nigeria | Bachelor's, Geophysics