



ABI OKUSOLUBO

Senior Software Engineer

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Houston, TX

PROFESSIONAL SUMMARY

Senior Software Engineer with 15+ years building scalable enterprise applications using Java, Spring Boot, and cloud technologies. Led cross-functional teams, architected microservices, and implemented DevOps practices. AWS certified, CI/CD, and infrastructure as code.

CORE COMPETENCIES

- **Programming Languages:** Java 17/21, JavaScript, Bash/Shell Scripting, SQL
- **Frameworks & Libraries:** Spring Boot, Spring Cloud, Spring Security, Spring Data JPA, Hibernate, React
- **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, DynamoDB, EKS, CloudFormation, API Gateway)
- **DevOps & Tools:** Docker, Kubernetes, Jenkins, GitLab CI/CD, Terraform,, Maven, Gradle
- **Databases:** PostgreSQL, Oracle, MySQL, Redis, Amazon DynamoDB
- **Monitoring & Observability:** Prometheus, Grafana, ELK Stack, CloudWatch, Splunk
- **Architecture Patterns:** Microservices, Event-Driven Architecture, Domain-Driven Design

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** (Valid until Dec 2028)
- **Sun Certified Java Programmer**
- **Sun Certified Web Component Developer**

EDUCATION

- **Master of Science in Computer Science**
Northumbria University, Newcastle Upon Tyne, United Kingdom
- **Bachelor of Engineering in Agricultural Engineering**
University of Ilorin, Nigeria

PROFESSIONAL EXPERIENCE

Software Engineer | JPMorgan Chase | *March 2022 - Present*

- **Built and maintained CI/CD** pipelines using Jenkins, AIM, and Jules for automated deployment and reduced manual errors
- **Conducted security vulnerability scans** and implemented fixes to ensure application compliance and security standards
- **Created job automation solutions** using shell scripts and Autosys for operational efficiency and batch processing
- **Achieved 90% code coverage** through comprehensive end-to-end testing using JUnit and integration testing frameworks
- **Led data center migration of** Java applications using AIM and Jules platforms with zero-downtime transitions
- **Upgraded legacy applications from** JDK 8 to JDK 11 to jdk 17 including dependency updates and performance optimization
- **Worked with AWS services** (EC2, S3, RDS, Lambda, CloudWatch) cloud deployment and monitoring
- **Provided production support for** existing Java/Spring applications including troubleshooting and performance tuning
- **Created technical documentation using** Confluence for system architecture, APIs, and deployment procedures
- **Managed source code using** Bitbucket with branching strategies and code review processes
- **Utilized Jira for agile** project management, sprint planning, and daily activity tracking

Software Engineer | Softworld | *September 2019 – February 2022*

- **Develop Java-based microservices** using Spring Boot framework and RESTful APIs for scalable enterprise applications
- **Implement data persistence layers** using JPA/Hibernate and JDBC for database operations and transaction management
- **Build automated testing frameworks** including unit tests with JUnit and functional testing for microservices architecture
- **Remediate security vulnerabilities** identified through Polaris static analysis and implement secure coding practices
- **Design and develop REST** APIs and web services following microservices design patterns and best practices
- **Create database integration solutions** using Spring Data JPA and custom JDBC implementations for complex queries
- **Establish CI/CD automation pipelines** for deployment processes and integrate security scanning across services

- **Mentor junior developers on** Java technologies, Spring ecosystem, and microservices architecture principles
- **Collaborate with cross-functional teams** to gather requirements and translate business needs into technical solutions
- **Participate in Agile development** processes including sprint planning, daily standups, and code reviews
- **Maintain technical documentation** for API specifications, database schemas, and deployment procedures

Software Engineer | CWG PLC | *April 2007 – April 2018*

Automated Charge Collection Solution

- **Developed high-volume charge** collection system processing millions of daily bank transactions with automated debit/credit operations
- **Implemented intelligent retry** mechanisms and account blocking for insufficient funds scenarios
- **Built scalable architecture** using Apache ActiveMQ, Camel, and EIP patterns for flexible banking workflows
- **Migrated to ELK** Stack for enhanced logging and monitoring capabilities
- **Designed fault-tolerant state** management with automatic recovery on system restart
- **Technologies:** Java, Spring Boot, JSF, Apache Camel, ActiveMQ, Oracle DB, Spring Security

Bills Presentment Solution

- **Built microservices architecture** using Spring Boot and Spring Cloud ecosystem
- **Implemented service discovery** (Eureka), API gateway (Zuul), load balancing (Ribbon), and circuit breaker (Hystrix)
- **Integrated SSO authentication** and authorization

Actimize Anti-Fraud Solution

- **Deployed and integrated** anti-fraud solution for card transaction monitoring
- **Connected Finacle core** banking system to Actimize platform for ATM and web transactions
- **Developed high-performance SOAP** web service clients to maintain ATM latency SLAs

College-Net School Portal

- **Built college management** portal on JBoss Jetspeed Portal container
- **Designed database architecture** using MySQL with Hibernate JPA data access layer
- **Developed UI using** JSF with PrimeFaces components

Finacle-Swift Integration

- **Created integration system** ensuring guaranteed SWIFT message delivery to core banking
- **Implemented Apache Camel** routing with checksum validation for message integrity

Third Party Insurance System (3PI)

- **Developed vehicle insurance** verification platform for Kano State Government
- **Integrated multiple insurance** companies with participating banks to eliminate fraud

Finnone Loan Integrator

- **Built integration between** Finnone Loan Origination and Finacle Core Banking
- **Automated loan collection** with retry mechanisms and account lien placement

Entrust Multi-Factor Authentication

- **Developed authentication extension** using JAX-WS and Spring WS technologies

Interest

System Performance Benchmark | Technical Blogging | Cloud Architecture | Hiking | Photography