ABI OKUSOLUBO

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 15+ years of experience building scalable enterprise applications using Java, Spring Boot, and cloud technologies. Proven track record leading teams, architecting microservices, and implementing DevOps practices. AWS certified with expertise in 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