

# OLUWATOBI AWOYOMI

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## PROFESSIONAL SUMMARY

Software Engineer with 7+ years of hands-on experience specializing in building scalable, high-performance software solutions. Proficient in Java, Spring, Python, 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, Python, Machine Learning, Typescript, Angular, REST APIs, JUnit, Docker, Kubernetes, Jenkins, Maven, AWS, Agile, Apache Kafka, Apache Spark, Apache Flink, Git, NoSQL, SQL, Hibernate

## PROFESSIONAL EXPERIENCE

**Insight Global (Client: American Express) | Java Engineer,**

**Sept, 2025 - January, 2026**

- Design, develop, and optimize cloud-native microservices with Java, Spring Boot, and RESTful APIs, enabling seamless integration across core platform services and ensuring security, performance, scalability, and reliability.
- Apply SOLID principles, high coding standards, and design patterns to deliver clean, maintainable, and testable backend code.
- Implement and support a centralized authentication and authorisation platform, troubleshoot and optimise existing services, and contribute to overall system security, stability, and performance improvements.
- Collaborate with product owners, architects, and engineering teams to define technical solutions, while writing comprehensive JUnit/Mockito tests to maintain quality across services.
- Collaborate in an Agile Scrum team, participating in sprint planning, stand-ups, and code reviews while improving existing services and delivering new features.

**Conclase | Java Developer**

**Mar 2025 - August 2025**

- Develop and optimize microservices with Java (17, 21), Spring Boot, and RESTful APIs, enabling seamless integration across 10+ core platform services.
- Design and deploy scalable batch and streaming data pipelines (ETL/ELT) using Python (Boto3), Apache Spark, AWS Glue, Kafka, Flink, S3, and DynamoDB, processing 2M+ records daily to support analytics and ML model training.
- Integrate and troubleshoot third-party APIs for fraud detection and identity verification, reducing onboarding failures by 30% and improving compliance.
- Enhance API performance and database efficiency, cutting average response times by 45% and enabling the platform to scale to 2x traffic growth without service degradation.
- Mentor and guide 5+ engineering interns in Java, Spring, and AWS best practices, achieving a 75% conversion rate of interns to full-time engineers on critical projects.

**Union Bank of Nigeria | Software Engineer**

**Jun 2022 - Jan 2025**

- Led end-to-end integration with multiple external payment gateways and internal services, streamlining transaction workflows and enhancing financial processing capabilities.
- Designed and implemented multi-level approval workflows for transaction processing, ensuring compliance with business rules and regulatory requirements. This reduced fraud risks and improved auditability across the banking system.
- Architected and engineered migrations of the Bank's Corporate Internet Banking platform from a monolithic MVC architecture to a microservices-based system using Java (v8,vll,v17) and Spring Boot, Docker, Kubernetes, Github Actions, and 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.
- Optimized microservices performance with distributed caching strategies, Apache Kafka, RabbitMQ, Hibernate, JDBC, and database optimization, achieving a 60% improvement in transaction processing speed and enhancing the overall user experience.
- 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, AWS services, and Grafana, providing monitoring, tracing, and diagnostic capabilities, offering critical analysis of system performance and health.

**Decagon (client: Seamfix) | Software Engineer**

**Jan 2019 - May 2022**

- Designed, implemented, and integrated B2B solutions that streamlined customer acquisition processes and improved operational efficiency, enhancing client satisfaction and reducing processing times.
- Collaborated with data analysts and scientists to design and implement batch and streaming ETL and ELT data pipelines for analytics and machine learning model training using Python Boto3, Apache Spark, AWS Glue, Apache Kafka, Apache Flink, AWS S3, and DynamoDB as a data lake and warehouse.
- Developed asynchronous data processing systems using Kafka, Redis, and Java (v11), enabling reliable and high-throughput ingestion and transformation of image and transactional data.
- Contributed to full-stack development by debugging and implementing new features using Angular (v11), JavaScript, HTML, and CSS in a web application, focusing primarily on backend integration and performance optimization.
- 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 25% increase in query response time.

- Designed and built a user access management service in Spring Boot with OAuth2 for secure authorization, enabling dynamic control of concurrent user logins based on subscription levels, and increasing user compliance with access limits.
- Guided intern engineers, supporting their growth in core technologies including Java, Spring, and AWS, contributing to a satisfactory and high conversion rate of interns to full-time roles on key projects

## EDUCATION

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Maharishi International University, Iowa, USA | Master's, Computer Science (*In progress via distance education*)  
Federal University of Technology, Minna, Nigeria | Bachelor's, Geology

May 2024 -Dec **2026**  
Oct2011 - Oct 2016