

OLATUNJI OYE

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JAVA SOFTWARE ENGINEER

Results-driven software engineer with almost 5 years of experience building scalable backend systems and micro-services mostly in FinTech. Skilled in the full SDLC, specialising in distributed systems using Java, Spring Boot, Kafka, and SQL, alongside technologies like Redis, Docker, Kubernetes, and GitHub Actions. Experienced in RESTful APIs, Event-driven Architecture, and cloud-based deployments. Strong collaborator and mentor, known for aligning technical solutions with business goals to deliver reliable, high-performance software.

- Object Oriented Programming • Backend Development • Database management • Cloud Computing
- Containerization & Container Orchestration • Message Queues • Web Services • CI/CD

Languages: Java, JavaScript

Web: HTML, CSS, React JS

Web Services: Rest, GraphQL, gRPC

Web/App Servers: Tomcat

Frameworks: Spring boot, Quarkus, Hibernate, JUnit, Mockito

Databases: Postgres, MySQL, MongoDB, Firebase, AWS DynamoDB, AWS Document DB, Redis

Design Patterns: Singleton, Prototype, Factory, Abstract Factory, Decorator, Adapter, Builder, Strategy, Observer, Proxy

SDLC: Agile, Scrum

Tools: Maven, Gradle, Git, Postman, Docker, Kubernetes, Jenkins, GoCD, Kafka, ActiveMQ, Prometheus, Grafana

Platforms: MacOS, Windows, Linux, Android, AWS (Amazon Web Services)

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

REN MONEY, Ikoyi, Nigeria • 04/2021 – 11/2021, rejoined 10/2023 – 10/2024

Renmoney is a fintech company that deals in loan products, flexible banking, savings products, and bill payment services.

Senior Backend Engineer (10/2023 – 10/2024)

Built new Microservices as well as maintained existed ones.

- Spearheaded the development of a risk and fraud prevention service using Spring Boot, Kafka, Jenkins, AWS, Prometheus/grafana, which reduced fraudulent transactions by 55%.
- Built a self-service bank statement feature on the Renmoney platform using Java, Thymeleaf, and Hibernate, reducing operational overhead by 15%.
- Re-engineered bill payment service to accommodate more vendors using Spring Boot, Hibernate, Redis, and factory pattern, which increased sales by 20%.
- Ensured proper unit and functional testing using Junit and Mockito across services and achieved 95% test coverage.

Backend Engineer (04/2021 – 11/2021)

Contributed several key features to microservices based Fintech systems.

- Coordinated a team to build bill payment APIs using Spring Boot, MySQL, Jenkins, and Redis, among other tools, increasing user engagement by 30%.
- Developed affiliate APIs using Java, Spring Boot, Hibernate, and Jenkins, contributing to a 25% increase in leads and sales.
- Automated recurring payments from users using Kafka and Spring Boot scheduling and processing in batches, reducing the user's default rate by 20%.
- Improved fund transfer APIs using Java, Hibernate, Kafka, and AWS Grafana, resulting in a 40% improvement in transaction speed.

Technologies Used: Java, Spring Boot, Maven, Hibernate, Thymeleaf, Junit, Mockito, AWS, Kafka, MySQL, Jenkins, Redis, Prometheus, Grafana.

PAYONEER, Munich, Germany (Remote) • 11/2021 – 07/2023

Payoneer is the world's go-to partner for digital commerce, everywhere.

Backend Software Engineer

Designed, built, and deployed scalable payment solutions in close collaboration with cross-functional teams.

- Built core features for a Dispute Management System—evidence upload, GCS streaming, dynamic search, and Kafka processing—using Liquibase, QueryDSL, and design patterns, reducing overhead by 80%.

- Implemented user activity tracking and automated alerts with notifications; integrated third-party APIs via Quarkus and Protobuf, cutting disputes by 70% and saving 100+ hours monthly.
- Strengthened fraud prevention with structured logging and real-time monitoring via Prometheus and Grafana, enabling faster decisions and reducing fraud incidents by 21%.
- Led multiple successful releases of the Dispute Management System using Docker, GitHub, GoCD, Nexus, Nomad, and Slack, ensuring smooth deployments with zero critical bugs and maintaining high system reliability.
- Attained 90% code coverage through comprehensive unit testing with JUnit and Mockito, and end-to-end functional testing with TestNG, significantly enhancing code reliability and overall product stability.
- Streamlined and standardised technical documentation, improving clarity and accessibility, reducing new developer onboarding time by 25% and accelerating team productivity.

Technologies Used: Java, Spring boot, Maven, Hibernate, Postgres, QueryDSL, Liquibase, JUnit, Mockito, Docker, Kafka, Quarkus, Protocol buffers, GCS, GoCD, Nomad, Nexus, Prometheus, Grafana.

DECAGON, Lagos, Nigeria 01/2020 – 04/2021

Decagon, a tech talent pipeline, training and deploying tech talents to deliver clients projects.

Software Engineer

Designed and built scalable, secure backend systems and APIs in Java, while supporting team members and driving technical excellence across the development lifecycle.

- Developed a hair recommendation application using Java, Spring Boot, Postgres and AWS among other tools resulting in 25% increase in user engagement.
- Built Decagon's developer sourcing platform with Spring Boot, React, PostgreSQL, Redis, and Docker. Implemented RBAC, RESTful APIs, and CI/CD with GitHub Actions, accelerating developer-client matching by 38% and boosting adoption by 25% in 3 months.
- Improved performance and scalability by profiling bottlenecks, optimising Postgres queries with Criteria API, and applying secure coding—cutting query time by 40%.
- Applied test-driven development (TDD) principles in a Spring Boot microservices environment using JUnit, Mockito and Test-containers, resulting in 30% decrease in post-deployment bugs and enhanced system stability.

Technologies Used: Java, Spring boot, Maven, Hibernate, Postgres, JUnit, Mockito, Docker, Kafka, Redis AWS, SQL, Prometheus, Grafana, React.

ACADEMIC PROJECTS

Maharishi International University (2025)

Contact Management System: Built a Contact Management System that allows storage of contacts, querying of contacts and bookmarking of contacts. Utilized Typescript, React, Node, Java, Spring boot, Spring Security, Hibernate, Postgres, JUnit, Mockito, Docker, React, AWS.

PERSONAL PROJECTS

IP Address Tracker 2020: IP Address Tracker is an app that can be used to track the location and details associated with an IP Address, website or email address. Utilized React, CSS, Leaflet.js, IPIFY API.

World API 2023: World API Service is a project that provides information about countries, cities, populations, and currency conversions. Utilized Java, Spring Boot, Maven, RESTful, API design, Mockito, Junit5, Swagger2, swagger-ui, Hibernate Validator, Lombok, Countries & Cities API.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2027)

Maharishi International University, Fairfield, IA

Key Courses: Cloud Computing, Algorithms, Web Application Programming, Enterprise Application Development

Bachelor of Technology in Chemical Engineering

Ladoke Akintola University of Technology, Ogbomoso, Nigeria (03/2018)