

EKENEKISO UGBANAWAJI LEONARD

BACKEND SOFTWARE ENGINEER - JAVA / SPRING BOOT

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PROFESSIONAL SUMMARY

Backend Software Engineer with 7+ years of software engineering experience, including 3+ years building production Java/Spring Boot services. Experience spans REST APIs, transaction workflows, financial integrations, persistence, testing, AWS, and production support. Also delivered AI-backed backend systems with Spring Boot and LangChain4j, with an earlier PHP/Laravel foundation supporting broader backend and full-stack delivery.

PROFESSIONAL EXPERIENCE

Backend Engineer, Airvend

Nov 2025 - Present | Lagos, Nigeria

- Build and maintain production Java/Spring Boot services supporting financial and value-added-service products across B2C and B2B workflows.
- Design and extend REST APIs, transaction workflows, and third-party integrations using JPA/Hibernate and relational databases.
- Implement validation, authentication, error handling, and failure-recovery paths around business-critical backend operations.
- Troubleshoot production issues across application, integration, and data layers while evolving existing services safely.

Software Engineering Team Lead, Boctrust Microfinance Bank

Apr 2024 - Nov 2025 | Lagos, Nigeria

- Built and supported Java/Spring Boot services and REST integrations for digital banking, lending, repayments, and payment workflows.
- Delivered integrations with BankOne and NIBSS services, including NDD v1/v2, NIP, EasyPay, and iGree BVN consent/identity flows.
- Investigated production issues across application, database, infrastructure, and third-party integration layers, improving operational reliability.
- Contributed to authentication, access-control, and production security improvements around business-critical banking systems.
- Coordinated technical delivery with banking and payment vendors and helped secure a ₦15M eTranzact waiver.

Backend Developer, Scnip Technology

Jul 2023 - Apr 2024 | Abuja, Nigeria

- Built Java/Spring Boot backend services for e-learning, payments, subscriptions, user management, and workflow automation.
- Integrated Stripe Connect and other external services with retry handling, error isolation, and resilient third-party communication.
- Improved performance and stability through SQL optimization, targeted caching, backend refactoring, and automated tests around critical workflows.

Technical Team Lead / Full Stack Developer, Harde Business School

Jul 2022 - Mar 2024 | Lagos, Nigeria

- Led development and maintenance of a legacy PHP/Laravel platform supporting academic operations, reporting, staff portals, and internal workflows.
- Delivered backend features, APIs, and database changes while managing technical debt and preserving established production behaviour.
- Improved data integrity and reliability through validation, database changes, testing, and production issue resolution.
- Led sprint planning, code reviews, technical documentation, and day-to-day implementation decisions after progressing from Full Stack Developer.

Contract Full Stack Developer, Pensuh Innovation

Oct 2018 - Dec 2024 | Anambra, Nigeria

- Built and maintained PHP/Laravel services for a multi-tenant school platform covering enrolment, attendance, academic records, assessments, and tuition payments.
- Implemented multi-tenant data flows, online payment integrations, cloud-backed storage, and reusable backend modules across school deployments.
- Worked across REST APIs, MySQL persistence, and frontend integration while supporting production releases and ongoing maintenance.

SELECTED ENGINEERING WORK

- GlobalPath - AI Mobility Backend2026
- Delivered the production Java/Spring Boot backend for an AI-backed global mobility platform, deployed to Railway while the frontend remains under development.
 - Combined deterministic eligibility and scoring with AI-assisted immigration, career, and study research using LangChain4j, OpenAI, PostgreSQL, and Pinecone.
 - Built persistent advice runs and conversations, policy/evidence and document workflows, streaming progress/replay, and idempotent long-running operations.

- AI Learn - Durable AI Runtime
- Built a Java/Spring Boot reference application with persistent conversation state, transactional outbox processing, Redis Streams/Pub/Sub, WebSocket/SSE delivery, and replay after disconnects.
 - Implemented idempotency, cancellation, multi-node coordination, JPA/Hibernate persistence, and automated tests around long-running AI workflows.

EDUCATION

Bachelor of Technology (B.Tech), Electrical / Electronic EngineeringPort Harcourt, Nigeria | 2019

Rivers State University of Science and Technology

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals 2022

SKILLS

Core Backend

Java • Spring Boot • Spring Data JPA • JPA/Hibernate • REST APIs

Data & Messaging

PostgreSQL • MySQL • Redis

Financial Integrations

BankOne • NIBSS • Stripe Connect • Payment / Biller APIs

Supporting Stack

PHP • Laravel • TypeScript • React • Next.js

Architecture

API Design • Domain-Driven Design • Microservices • Distributed Systems • Idempotency

Cloud & Delivery

AWS (EC2, RDS, S3) • Docker • Linux • GitHub Actions • Railway

Applied AI

LangChain4j • OpenAI • Pinecone • LLM / Agentic Workflows

Quality & Operations

Unit & Integration Testing • Testcontainers • Observability • Production Debugging