

REUBEN ALABI

Backend Engineer | Full-Stack Systems

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SUMMARY

Backend software engineer specializing in reliable, scalable backend systems built with Java and Spring Boot, paired with React frontends. With experience as Head engineer at Glass Finance, Co-founder and sole backend engineer at Drifto, backend engineer at CSDC Solutions, and software engineer at Stalwart Crest designing secure system APIs and distributed services for business and payment-driven products, with a focus on performance and reliability at scale.

TECHNICAL SKILLS

Languages & Frameworks: Java(Spring, Spring Boot, Spring Security, Hibernate), JavaScript/TypeScript(NestJS, Node.js, Express.js, React, Next.js), Python(FastAPI), SQL,C, C++, HTML, CSS

Backend & Architecture : REST APIs, TDD, JWT & OAuth 2.0, OIDC, RabbitMQ, Kafka, Redis, Flyway

Databases: PostgreSQL, MySQL, MongoDB, Oracle, SQL Optimization, Query Profiling

Cloud & DevOps: CI/CD Pipelines, AWS (EC2, S3, CloudFront, SES, ECR, RDS), Docker, GitHub Actions, Git, Kubernetes

AI: LLM / AI feature integration, AI-assisted development (Claude Code, Codex), OpenAI & Google Gemini APIs,

EXPERIENCE

Glass Finance

Lagos, Nigeria(Remote)

Head Engineer, Platform & Backend Architecture

May 2026 – Present

- Shaped the technical direction for Glass Finance, a community finance layer, driving requirements, architecture, and deployment from concept to production.
- Architected and shipped the backend system 173 REST endpoints across 16 domains in Java and Spring Boot.
- Built an obligation engine that auto-computes member dues across 4 collection types, posting to a double-entry ledger.
- Advise the founding team on technical feasibility and architecture trade-offs shaping product decisions.

Drifto

Lagos, Nigeria(Remote)

Backend Engineer & Co-founder

Jul 2025 – Present

- Architected and shipped the entire Spring Boot backend on AWS, powering web, iOS, and Android clients.
- Built a payment pipeline with idempotent webhooks and async processing, preventing duplicate charges across every transaction.
- Sustained ~700ms average API responses under live-event traffic spikes using caching and asynchronous event handling.

Luxnet

Lagos, Nigeria(Remote)

Backend Engineer(Part-time)

May 2025 – Present

- Architected and shipped the NestJS backend for Verrify, a property allocation & verification platform exposing 75 REST endpoints across 12 domains on PostgreSQL/TypeORM.
- Built PostGIS geospatial search — viewport, location, and radius queries powering the platform's interactive property map.
- Automated reviewer assignment across a 3-stage verification workflow, enforcing RBAC roles with auditable status history.

CSG Development - Resov

Lagos, Nigeria (Remote)

Software Engineer(Contract)

Jan 2026 – Jun 2026

- Designed and built the backend foundation exposing 161 REST endpoints across 9 domains in Spring Boot / Java 21, secured with JWT, OAuth2, and permission-based access.
- Built a RabbitMQ event-driven layer with per-workflow retry and dead-letter queues, keeping email, payment, and audit processing resilient to downstream failures.
- Built audit infrastructure tracking every user action and state change with key data capture, powering activity & admin reports.

CSDC Solutions

Lagos, Nigeria(Hybrid)

Backend Engineer

Jan 2025 – Jun 2025

- Shipped features and fixed 10+ critical defects in a Java government tax revenue system across large-scale deployments.

- Diagnosed performance bottlenecks and cut processing latency on key transactions, restoring transaction reliability under regulatory requirements.
- Built real-time user-facing modules for a Lagos State tourism platform in Spring Boot, integrating live data feeds.

Stalwart Crest

Wilmington, DE, USA (Remote)

Software Engineer(Part-time)

Sep 2023 – Jun 2026

- Delivered full-stack features across 3 client projects, building React/Next.js frontends backed by Java/Spring Boot services.
- Built compliance and data controls — access control, audit trails, privacy — aligned with NDPR/GDPR data-residency rules.
- Shaped API architecture and integrated 10+ third-party services, improving reliability across client deployments.

PROJECTS

Role-Aware AI Assistant for Software Development

- Built FastAPI backend services to route role-specific AI responses for project managers, developers, and security engineers.
- Implemented PostgreSQL and pgvector storage to retrieve project files, chat history, and generated design artifacts.
- Developed backend workflows for design-decision logging, approval tracking, and context injection into LLM processing.

VOLUNTERING & LEADERSHIP

Google Developer Group (GDG) Babcock Chapter | *Software Development Track Lead*

- Designed software curriculum across 5 tracks, mentoring student developers through hands-on technical workshops.
- Collaborated in organizing campus events and recruited 5+ industry professionals to lead technical guest speaker sessions.

Babcock University Computer Club, Dev Team | *Backend Developer*

- Built backend features for 3+ BUCC Dev Team platforms, supporting 1,000+ students across club, chaplaincy, and team websites.

EDUCATION

B.Sc. Computer Software Engineering — Babcock University, Nigeria

2022 – Jul 2026

CGPA: 4.34 / 5.0

LANGUAGES

English — C2 (Fluent / Proficient)