

Henry Taiwo

Full Stack Engineer · Nigeria · Open to Remote

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SUMMARY

Full Stack Engineer with experience building and owning production systems across fintech, agritech, and edtech. Strong backend foundation in Java and Spring Boot, with hands-on mobile development in React Native and frontend work in React and Next.js. Currently building Rubi, a cross-platform personal finance app — designed and shipped the complete Spring Boot API and actively developing the React Native client. Seeking remote roles where I can own meaningful systems end-to-end.

SKILLS

Languages Java · TypeScript · JavaScript

Backend Spring Boot · Spring Security · PostgreSQL · Flyway · JWT · OAuth2 · REST APIs

Mobile React Native · Expo · Expo Router · NativeWind · Zustand · TanStack Query

Frontend React · Next.js · Tailwind CSS · Server-Sent Events (SSE)

Tools Docker · Git · GitLab CI · EAS · Firebase · PostHog · Bugsnag

EXPERIENCE

Backend Engineer (Part-Time) · Aviarai · AgriTech (Remote) May 2025 – Present

- Owned and delivered multiple core modules with full responsibility for data correctness, business logic, and production reliability.
- Designed and implemented the inventory management module for egg and feed stock — dispatch workflows, operational tracking, and user-facing views.
- Built and owned the task management system: automated notifications and task generation from vaccination schedules and dependent modules.
- Implemented egg production KPI calculations including regional benchmarking across farms to surface actionable insights.
- Integrated AI-driven features ensuring Smart Feed logic and eligibility checks produce accurate outputs used across the product.

Frontend Engineer (Contract) · AceBuddy · EdTech Oct 2025 – Present

- Built and maintained AI-powered features using Server-Sent Events (SSE) for real-time UI updates and interactive learning experiences.
- Owned the marketplace module end-to-end — reliability, usability, and features that directly supported user retention.
- Improved onboarding flows, reducing friction for new users and increasing activation rates.
- Contract extended from an initial short-term engagement — recognised for delivery speed and code quality.

Java Backend Engineer Intern · Remita · Fintech March 2024 – Aug 2024

- Designed and implemented Spring Boot APIs for internal banking simulations and financial workflows.
- Improved authentication flows and patched security vulnerabilities across core services.
- Contributed to database schema design, async workflows, and testing coverage.
- Built internal tooling, including a GitLab-integrated performance appraisal system.

PROJECTS

Rubi — Personal Finance App · Java · Spring Boot · React Native · Expo · PostgreSQL · TypeScript

Founder & Sole Engineer

- Sole engineer — designed and shipped a complete Spring Boot REST API (75+ endpoints) covering accounts, multi-currency transactions, budgets, savings goals, recurring transactions, reports, and daily check-in streaks.
- Stateless JWT auth with dual token delivery (HTTP-only cookie + response body) for both web and native clients; Google OAuth2 with provider separation to prevent account takeover.
- Multi-currency support with automatic exchange rate caching (direct, inverse, and USD-bridged lookup), balance integrity enforcement on every transaction, and structured error payloads for conflict scenarios.

- Built the full React Native client: Expo Router, Zustand, TanStack Query — flash-free auth hydration, native Google OAuth (PKCE-safe), Skia aurora card with Reanimated streak animations.
- Rate limiting (Bucket4j), soft-delete with 30-day recovery, scheduled cleanup jobs, CSV export, and tier-based feature limits (Free / Pro).

Divyd — Bill Splitting & P2P Payments · [React Native](#) · [Expo](#) · [TypeScript](#) · [Firebase](#) · [PostHog](#) · [EAS](#) ↗

Sole Mobile Engineer · Live on the App Store · 5.0 ★

- Built the entire React Native app from scratch: auth (email / PIN / Google OAuth), multi-step onboarding, bill creation (equal / custom / recurring splits), in-app wallet, friends & groups, KYC, and push notifications.
- Engineered session management: idle timeout, background/foreground token revalidation, and cold-start auth clearing to prevent stale session restoration after app kill.
- OTA updates (Expo Updates) with route-aware safeguards — updates never interrupt active payment or split flows.
- PostHog analytics with session replay, Bugsnag crash monitoring, and FCM push; deployed to production via EAS with environment-separated build profiles.

EDUCATION

B.Sc. Computer Science · Covenant University, Ota

Nov 2021 – Aug 2025

[Data Structures & Algorithms](#) · [Operating Systems](#) · [Computer Networks](#) · [Software Engineering](#) · [Database Management](#) · [AI Fundamentals](#)