

ISAAC OLAOSEBIKAN

Full-Stack Software Engineer | TypeScript · React / Next.js · React Native · PostgreSQL

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SUMMARY

Full-stack engineer who builds complete systems end to end for paying clients: schema design, auth, payments and deployment. Works mainly in **TypeScript, React, Next.js, React Native and PostgreSQL (Supabase)**, and enforces critical rules in the database with row-level security, constraints and triggers, so a missed check in app code cannot leak or corrupt data. Used to working independently and asynchronously with remote clients, and to documenting what gets built.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, PHP

Frontend & Mobile: React, Next.js (App Router), React Native, Expo, Tailwind CSS

Backend & Data: Node.js, PostgreSQL, Supabase (Auth, Edge Functions), Prisma, Row-Level Security, MySQL

Integrations: Flutterwave payments and webhooks, Resend, REST APIs, Baileys (WhatsApp)

Tooling & Deployment: Git/GitHub, Vercel, Railway, Android Studio, Xcode

EXPERIENCE

Freelance Full-Stack Developer | Self-employed (Upwork and direct clients), Remote 2025 – Present

Raphmaths Estates, client's land sales platform, Anambra State (built, pre-launch) · raphmathsestates.com

- Built the marketing site (React, Vite) and a **Next.js admin dashboard** for listings, orders, agent commissions, payouts and CSV exports, all on one Supabase/Postgres database with **row-level security as the authorisation boundary**.
- Integrated **Flutterwave payments** through a webhook that re-verifies every transaction with Flutterwave before settling it, so a forged callback cannot mark an order as paid.
- Designed a **three-level agent referral engine** (referral links, codes and QR codes) that records commissions and points on an append-only ledger, with tiered bonuses and progress badges.
- Built the **React Native (Expo) mobile app** for browsing verified plots, buying outright or in instalments and tracking payments; added transactional email via Resend with a queue worker on Supabase Edge Functions.

WhatsApp automation bot for a second client · Built and deployed an always-on bot with Node.js and Baileys on Railway.

Web Developer (NYSC) | Radio Nigeria Ibadan (FRCN), ICT Unit, Ibadan Nov 2025 – Oct 2026

- Built a **new website for the station from scratch** as an ICT unit assignment (React, Vite, Supabase, Tailwind CSS), with live audio streaming, news publishing and a staff admin panel.
- Delivered a working build on Vercel; the station has not yet deployed it as its official site.
- Taught HTML and CSS to fellow interns, writing lecture notes and assignments matched to each learner's skill level.

PROJECTS

Halyard: Courier & Shipment Tracking | Next.js 16, TypeScript, Supabase, Tailwind CSS halyard-tawny.vercel.app

- Built a white-label courier site with live shipment tracking, a staff dashboard, QR-coded waybills and invite-only roles.
- Kept customer data private at the database level: **RLS on every table**, public tracking only through one function that returns masked names, unguessable 45-bit tracking codes, and shipment status set by a trigger from scan events.
- Wrote **database tests** that run the migrations in embedded Postgres and verify RLS, triggers and RPCs as every user role.

EDUCATION

B.Sc. Computer Science | Joseph Ayo Babalola University

2025