

Alabi Ayobami

+234-9079005996 | alabiayobamioluwamiseun@gmail.com | linkedin.com/in/ayobami-alabi-53b936247 | github.com/thatlinuxguyyouknow |

Portfolio

Lagos, Nigeria - Open to Remote

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Dart, C++, SQL, Bash.

Frontend: React, Next.js, Redux Toolkit, Tailwind CSS, Vite, React Router, shadcn/ui.

Backend: Node.js, Flask, FastAPI, Supabase (PostgreSQL, RLS, Edge Functions), REST APIs.

Cloud & DevOps: AWS (S3, CloudFront, SQS), Docker, GitHub Actions, Vercel, GCP.

Tools: PostGIS, Prisma, Git, CI/CD.

EXPERIENCE

Founding Full Stack Engineer

Nov 2025 - Present

Travloop

travloop.io

- Shipped a travel group-booking platform (Next.js 15, TypeScript, Supabase/Postgres + RLS); built the Paystack payments pipeline with server-side price re-validation and a 30/40/30 installment tracker.
- Designed an LLM-powered chat assistant for natural-language trip search and custom trip creation, with structured inline results and a server-side proxy behind Supabase auth.

Full Stack Engineer

Jan 2025 - Nov 2025

Scholara Cloud (Dualmind Tech Consulting)

- Led frontend architecture for a multi-tenant school-management SaaS: role-based workspaces (admin, school admin, teacher) in React 19 + TypeScript + Redux Toolkit (RTK Query) inside a Turborepo monorepo.
- Engineered modular code-splitting (React.lazy + Vite manualChunks) so each role ships a lean, independent bundle with fast load times.

Software Engineering Intern (2 batches)

Sept 2022 - Dec 2023

8th Gear Partners Limited

Ikeja, Nigeria

- Shipped responsive, accessible production React apps for portfolio companies; led migration to a standardized CI/CD pipeline with automated staging previews.
- Lifted Lighthouse performance 30%+ on two client projects via code-splitting and asset optimization; cut onboarding from 3 days to under 1 day with setup guides.

PROJECTS

EchoLLM (GitHub) | Flutter, C++, llama.cpp, GGUF, ONNX

2025 - Present

- Published privacy-first mobile LLM app on Snap Store; C++ FFI bridge from Flutter to llama.cpp managing thread safety for long-running inference.
- Manual 4-bit quantization (Q4_K_M) for <1.1GB footprint and ~20 tokens/s on mobile hardware.

Cairn (GitHub) | Next.js 16, PostGIS, Prisma, AWS S3, Supabase Auth

June 2026

- Location-anchored memory-sharing platform (H0 hackathon) with a custom Dijkstra routing engine in TypeScript and PostGIS spatial queries with GIST indexing.
- Zero-dependency AR compass from browser primitives with great-circle bearing math; S3 pre-signed upload pipeline bypassing the Next.js server.

Themis (GitHub) | Flask, PostgreSQL, Docker, Fly.io, Next.js 15

March 2026

- Production-grade auto-insurance underwriting API: Flask app factory, 7 relational models, and a /records/lookup endpoint aggregating 6 Nigerian public-record sources.
- Deterministic synthetic-data generator across LOW/MODERATE/HIGH risk tiers; Dockerized on Fly.io behind Gunicorn with API-key auth and automated migrations.

EDUCATION

University of Lagos

Expected 2026

B.Sc. Technology Education (Automobile Technology) - Lagos, Nigeria

Relevant Coursework: Engineering Mathematics, Applied Physics, Computer Science Fundamentals