

Eyitayo Obembe

Full Stack Engineer – Lagos, Nigeria

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PROFESSIONAL SUMMARY

Full Stack Engineer specializing in highly available web applications, scalable REST APIs, and resilient data pipelines using TypeScript, Next.js, Node.js, and PostgreSQL. Expertise in system design, distributed asynchronous processing, and realtime synchronization. Experienced across the software lifecycle, from schema design and authentication workflows to client-side optimization, deployment infrastructure, and high-concurrency production systems.

TECHNICAL SKILLS

Backend & Infrastructure: Node.js, Express.js, PostgreSQL, Redis, Supabase, QStash, Docker, Kubernetes, AWS
Frontend Architecture: TypeScript, JavaScript (ES6+), React, Next.js (App Router, SSR), Zustand, Tailwind CSS
Database & ORMs: Relational DB Design, Query Optimization, Prisma, Drizzle ORM, SQLite, Sequelize
Architecture & Concepts: System Design, RESTful APIs, Asynchronous Workflows, Authentication (JWT/OAuth), CI/CD, Microservices Principles, Websockets/Realtime Sync
AI/ML: OpenAI, Gemini, MediaPipe, HuggingFace

EXPERIENCE

Software Engineering Intern

May 2025 – Dec 2025

Nithub

Akoka, Lagos

- Built full-stack web applications using Next.js, Node.js, and PostgreSQL, implementing REST APIs and database schemas for core application features.
- Implemented authentication and authorization workflows using middleware-based validation and role-based access control.
- Designed frontend data-fetching and state management layers to reduce redundant API calls and improve client-side performance.
- Optimized backend query logic and application structure to improve response consistency under concurrent usage.

PROJECTS

Scoutly | *Next.js, TypeScript, Zustand, Tailwind*

January 2026

- Built the backend infrastructure for a hackathon intelligence platform that ingested 240+ hackathons and generated 12,000+ personalized relevance scores for 110+ users.
- Designed asynchronous scoring pipelines using QStash and Redis to offload heavy AI computation workloads (Groq SDK/LLMs) from the main thread, maintaining stability under high concurrent load.
- Designed and deployed robust PostgreSQL relational schemas to handle complex user data, resume parsing outputs, and relational querying.

XBoost | *React, Next.js, Supabase Realtime, Framer Motion*

December 2025

- Developed a high-throughput social engagement engine that successfully onboarded 90+ users within the first hour and processed 7,000+ transactional actions reliably.
- Implemented validation and abuse-prevention logic utilizing time-window checks and concurrent activity monitoring for 2,300+ processed interactions.
- Optimized PostgreSQL queries and implemented infinite-scroll caching workflows with predictive data prefetching, mitigating API rate limits and improving feed responsiveness during traffic spikes.

ACHIEVEMENTS

1st Place, AWS Cloud User Security Group Hackathon (2025)

1st Place, TOS Hub Innovation Hackathon (2025)

3rd Place, Data Protection Summit Hackathon (2025)