

ALIYU EFE

Full Stack Developer

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ABOUT

Full stack developer with two years of production experience across legaltech, ecommerce, and edtech. Strongest in React, Next.js, and TypeScript, with backend work in Node.js, NestJS, MongoDB, and Postgres. I own features from design review through deployment, and I am most useful where correctness matters under load or where a legacy system needs modernising without breaking.

SKILLS

Languages TypeScript, JavaScript

Frontend React, Next.js, Tailwind CSS, React Query (TanStack Query), Redux, Zustand, Shadcn UI, AG Grid

Backend Node.js, Express, NestJS, REST APIs, Server-Sent Events, Socket.IO

Databases MongoDB (Mongoose), Postgres (Drizzle), Redis

Tools Git, Docker, AWS S3, Vitest, Paystack API, Postman

EXPERIENCE

LawPavilion Business Solutions

Frontend Developer | Feb 2026 – Present | (Remote - Full-time - Nigeria)

- Led a small engineering team migrating a production application from **Angular 9 to Next.js 16**, delivering feature parity with **no user-facing downtime** across six years of framework drift.
- Built a custom **Server-Sent Events streaming hook** in React and TypeScript to power real-time response delivery on an AI-powered legal research interface, handling multiple event types, partial data accumulation, progress tracking, and reconnection without lost or duplicated content.
- Proposed and led migration of the data layer from React Context and useEffect to **React Query**, removing duplicate in-flight requests, stale-response race conditions on rapid navigation, and per-component loading and error boilerplate.
- Developed a **ticket management system** for account managers to track client workflows, covering status transitions, assignment logic, and role-based views.

Independent Contractor

Frontend & Backend Development | Dec 2024 – Nov 2025 | (Remote - Contract)

Clients: Claymore Limited (Nigeria), Amaho (UK), Ephod Communications (Nigeria)

Claymore Limited — internal collaboration platform (Dec 2024 – Oct 2025)

- **Sole frontend developer** on an internal collaboration platform built with Next.js and Tailwind CSS, covering real-time chat, meeting scheduling, and project management.
- Built a **PDF report generation** system for meeting summaries and task reports with custom layout formatting.

Amaho (UK) — ecommerce backend (Feb 2025 – Jun 2025)

- Built payment processing API routes with **Paystack** integration, resolving stock-deduction **race conditions** during concurrent checkout and cart operations using atomic MongoDB operations.
- Integrated AWS S3 for product image storage and built a test suite with **Vitest** reaching over **80% code coverage**.

Ephod Communications — school attendance system (Jul 2025 – Nov 2025) · returning client

- Built a school attendance management system with Next.js and **TanStack Query** for efficient student data fetching and cache synchronisation.
- Implemented **AG Grid** data tables for attendance tracking, filtering, and bulk operations across multiple classes.

Ephod Communications Limited

Junior Backend Engineer | Jun 2024 – Jan 2025 | (Remote - Full-time - Nigeria)

- Built backend infrastructure for **government websites** serving multiple departments using Node.js, Mongoose, and TypeScript.
- Built messaging inbox and document routing features, and a report generation system backed by data aggregation queries.

TEACHING

Independent Coding Instructor

2023 – 2024

- Taught JavaScript and React fundamentals to a self-organised online cohort of **over 30 beginners**; several went on to **junior developer roles**.

EDUCATION

University of Uyo

B.Sc Mathematics | 2021