

LUKE OLAWALE

Full Stack Engineer · React · Next.js · Node.js · NestJS · TypeScript
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SUMMARY

Full stack engineer with 6+ years of experience building web and mobile products end to end: React, Next.js and React Native frontends; Node.js, NestJS and FastAPI services on MongoDB and Redis; and Docker-based CI/CD. Founder of a software consultancy with 90% client retention across 11 industries, with hands-on work in payments, WhatsApp Business API integrations, AI features and cloud security. Known for type-safe, maintainable code and fast, accessible user experiences.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, HTML5, CSS3

Frontend: React, Next.js (App Router), Vue.js, Redux Toolkit, Zustand, TanStack Query, React Hook Form

UI & Styling: Tailwind CSS, Radix UI, Headless UI, MUI, Framer Motion, Recharts

Mobile: React Native, Expo, EAS Build, iOS and Android store release

Backend & Data: Node.js, Express, NestJS, FastAPI, REST APIs, MongoDB, Prisma, Redis, Bull queues, Zod

AI & Automation: Anthropic and Gemini APIs, Playwright

Auth & Security: JWT, OAuth 2.0, Passport, RBAC, MFA, Azure Sentinel, Microsoft Defender

Payments & Messaging: Stripe, Monnify, Paystack, Flutterwave, WhatsApp Business API

DevOps & Cloud: Docker, Azure Pipelines, CI/CD, Azure, AWS, Vercel, Git, Swagger, Winston

EXPERIENCE

Full Stack Engineer — Precision InfoTech Limited

Oct 2021 — Present

Self-employed · Abuja, Nigeria · Software consultancy

- Founded a software consultancy building web, mobile, cloud and AI solutions for founders and businesses across Africa: 50+ products across 11 industries, with 90% client retention.
- Drove full stack architecture, from UI to deployment, for client engagements across 5 sectors: fintech, real estate, hospitality, legal and transportation.

Buvvo — AI sales assistant and marketplace for WhatsApp vendors, rolled out to a 500+ vendor waitlist

- Spearheaded the build as contract CTO in Next.js and TypeScript across 5 core modules: JWT authentication and sessions, WhatsApp connection flow, live conversations, order management and vendor analytics.
- Enforced end-to-end type safety across 100% of API boundaries with Zod schema validation and typed TanStack Query hooks.
- Integrated 2 external services, the WhatsApp Business API (as a Meta-verified Tech Provider) and Monnify payments, with automatic settlement confirmation.
- Launched a server-rendered, SEO-indexed marketplace searchable across 3 dimensions (product, category and city), deployed in containers through CI/CD on Azure Pipelines.

Liberty Assured — 2 products across HR tech and retail: getlinked and PayBox360

- Created getlinked, a technical assessment platform that runs 100% of candidate code in the browser with Monaco Editor and CodeSandbox Sandpack, with no server-side execution sandbox required.
- Introduced camera-based proctoring with MediaPipe face detection, verifying candidate identity throughout every assessment with 100% of video processed on-device.
- Shipped PayBox360, a Next.js inventory and point-of-sale product with real-time stock dashboards and reporting.

Full Stack & DevOps Engineer — Zance

Jan 2025 — Dec 2025

Contract · United Kingdom · Remote · Event technology

- Architected the Zance web application in Next.js with Redux Toolkit, TanStack Query, Radix UI and React Hook Form, covering 3 core surfaces: event discovery, attendee matching and organizer dashboards.
- Engineered the Node.js/Express API behind all 3 surfaces on MongoDB and Redis, with Bull job queues, Stripe payments, LinkedIn OAuth and QR-coded PDF tickets.

- Developed a Python FastAPI service for AI attendee matching across 2 model providers (Anthropic and Gemini), with Playwright-based event extraction and per-request token budgeting that kept inference cost predictable.
- Owned DevOps and observability for all 3 services: containerized deployment, structured Winston logging, Swagger API docs, rate limiting and scheduled jobs.

Software & DevOps Engineer — Nearpays

Mar 2023 — Nov 2024

Full-time · Hybrid · Fintech

- Led frontend and backend development of complex React and Next.js interfaces, improving site navigability 30% and cutting load times 40% through lazy loading and code splitting.
- Designed and implemented enterprise IAM enhancements across all systems, including RBAC and MFA, reducing unauthorized access incidents 35%.
- Automated security controls with Azure Sentinel and Microsoft Defender, removing 25% of manual processes, and instituted incident response plans that cut average response time 40%.
- Established multi-cloud security governance across Azure and AWS aligned to ISO 27001, GDPR and PCI DSS, heading the migration of critical applications to a PCI DSS-compliant environment.

Frontend Developer — YourRider Limited

Feb 2020 — Nov 2023

Full-time · Abuja, Nigeria · Logistics and last-mile delivery

- Built and released 2 React Native apps (customer and rider) on the iOS App Store and Google Play, covering all 4 stages: pickup request, rider matching, live trip view and proof of delivery.
- Implemented real-time tracking on a live map, streaming rider location to customers and the operations console on every trip across 10 cities, including Abuja, Lagos, Kaduna, Port Harcourt, Ibadan and Kano.
- Crafted the internal React operations dashboard for 3 workflows (dispatch, rider management and delivery monitoring) and set up first-mile integrations that onboarded e-commerce partners including Jumia and Konga.

EDUCATION

B.Eng. Electrical and Electronics Engineering — Ahmadu Bello University

2014 — 2019

CERTIFICATIONS & LANGUAGES

- Microsoft Certified: Identity and Access Administrator Associate (2023 — 2027).
- Cisco Certified Network Associate (CCNA) and Sophos Firewall Engineer.
- Earned 17 professional certifications in total across cloud, identity, networking and security.
- Languages: English, Hausa, Yoruba.