

OGHENEMARO OKOLOSIO

Senior Software Engineer

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Lagos, Nigeria (UTC+1) — remote, with 5+ hours daily overlap with US time zones

Over six years ago I started writing code for banks, and most of it ended up in front of someone: a merchant at checkout, a customer halfway through KYC, a parent watching a bus move on a map. The thing nobody tells you about software is how much of it is about waiting. The page that takes ten seconds. The job with no progress bar. The status that changed on the server but not on the screen. I build in TypeScript, React and Next.js, with Node.js or .NET behind them, and I own features end to end — from requirements and system design to deployment and production monitoring.

PROFESSIONAL EXPERIENCE

Lead Data Solution Engineer

Dec 2025 – Present

Union Bank of Nigeria

Lagos, Nigeria

Alero, the bank's KPI and business-performance platform. A KPI is only useful if people believe it.

- Lead a team of four and own Alero's architecture, delivery and production reliability across multiple business units.
- Design and operate ETL pipelines that collect, validate and reconcile metrics from high-volume source systems, and automated the reconciliation and reporting workflow so the number on screen matches the number in the source system.
- Run code review, set engineering standards, and mentor the team on testing and documentation.
- Monitor query and pipeline performance and resolve bottlenecks before they reach users.

Vue | TypeScript | TailwindCSS | .NET Core | PL/SQL | Python | Azure

Software Engineer

Dec 2020 – Dec 2025

Stanbic IBTC Bank

Lagos, Nigeria

Buy Now Pay Later — *the customer wants it today and pays over six months; the merchant cannot wait six months.*

- Designed and built the platform end to end: the ASP.NET Core API and the Angular merchant portal. Merchants are settled in full at checkout; customers repay in instalments.
- Pushed every status change live over SignalR, so merchant, customer and administrator see the same state at once.
- Owned the public API docs and supported merchant developers through integration. Several endpoints were redesigned from their feedback.

Customer-facing products

- Built customer-facing front ends in Angular and React, including the One Naira Challenge campaign app.
- Reworked onboarding errors from vague failures into clear next steps for the customer, shortening KYC completion time.
- Designed and delivered the Money Manager API for personal financial management, serving live retail customers.

Rewards engine & loans

- Built the bank's rewards engine as an event-driven service on Kafka.
- Rebuilt EZ Cash bulk uploads as a dedicated backend service, cutting processing from over 25 minutes to under 6, and lifted loan application success rate by 24%.

ASP.NET Core | C# | Angular | React | TypeScript | SignalR | Kafka | SQL Server | Azure | Docker

Left after five years for a lead engineering role at Union Bank of Nigeria.

Software Engineer

Mar 2020 – Sept 2020

ITab Solutions

Lagos, Nigeria

Xfund, a multi-tenant portfolio and asset management SaaS.

- Built portfolio valuation, financial instrument management and automated daily valuation runs in React and Redux.
- Long valuation jobs left users waiting blind. Added live WebSocket progress with SignalR.
- Built data-heavy grids and reports with AG-Grid and Telerik, fed by Bloomberg APIs.
- Engineered Docker-based, multi-tenant deployment that runs across Apache, IIS and Nginx.

React | Redux | TypeScript | SignalR | AG-Grid | Docker

Left for a software engineering role at Stanbic IBTC Bank.

PART-TIME & CONTRACT WORK

Principal Engineer (part-time)

2022 – Present

CampusRunz — campusrunz.com

Remote, Nigeria

Students need a ride, a delivery, a room, groceries, food. Ten businesses that happen to live in one app.

- Built all of CampusRunz's web applications hands-on, including the customer web app and the admin portal, from architecture through to production.

- Led the admin portal rebuild in React: decoupled architecture, lazy loading and client-side caching cut load time by over 10 seconds.
- Moved state to Zustand, cutting redundant API calls and tightening the contract between frontend and backend.
- Own the platform's architecture and technical direction, and lead a four-engineer team migrating the web, admin and mobile clients onto a rebuilt API without downtime.

React | TypeScript | Zustand | Node.js | .NET | Kubernetes | GitHub Actions | AWS

Frontend Engineer

2024

BusBuzzer — electric school-bus platform

Remote, USA

Parents want to know exactly where the bus is.

- Shipped the operator admin panel in Next.js and TypeScript with a distributed US design and backend team.
- Built live vehicle tracking on a map from continuous position streams, handling stale-data edge cases.

Next.js | TypeScript | Zustand | TailwindCSS | Geolocation APIs

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, SQL, Python
Backend: Node.js, Express, ASP.NET Core, REST API design and versioning, WebSockets / SignalR, Kafka, webhooks, ETL pipelines
Frontend: React, Next.js, Angular, Vue, Svelte, Vite, Zustand, Redux, TailwindCSS, SCSS
Data: PostgreSQL, SQL Server, MySQL, Oracle, MongoDB, Redis, Firebase
Cloud & DevOps: AWS, Azure, Docker, Kubernetes, GitHub Actions CI/CD, Nginx, Netlify
Also: Learning Rust. Claude Code daily, with every line reviewed before it ships.

EDUCATION

B.Sc. Geology

January 2017

Federal University of Petroleum Resources

Delta, Nigeria