OBALOLUWA OLUSOJI

Full-Stack Software Engineer

obaloluwaolusoji@gmail.com · +2349039442724 · Nigeria · LinkedIn · GitHub · Portfolio · Medium

SUMMARY

Full-stack engineer with 3+ years building fintech and Web3 products in React, Next.js, TypeScript, Node.js and PostgreSQL. Shipped the user-facing platforms, transaction ledger and database replication for a stablecoin payments company processing $1B+.

WORK EXPERIENCE

Nawo | Software Engineer | Lagos, Nigeria *Jul 2024 – Present*

- Build the web frontend in Next.js and TypeScript and integrate its API endpoints for Nawo, which modernizes the owambe experience at Nigerian and African parties and clubs by letting guests spray money digitally.
- Lead a team of 4 engineers and a designer across web, mobile and backend, shipping the React Native apps to the App Store and Play Store, reaching 400+ downloads.
- Plan the system architecture across Next.js, React Native and Node.js with MongoDB for real-time money spraying, handling 500+ sprays per event with zero lost transactions.
- Run security reviews of payment and API code before each release, with zero security incidents since launch.
- Work directly in the Node.js and MongoDB backend to fix and tighten APIs, cutting API error rates by 35%.

Zynta | Software Engineer | Remote *Mar 2025 – Oct 2026*

- Built the User, Enterprise and Admin platforms in Next.js and TypeScript, including instant virtual IBAN creation, for a stablecoin payments platform processing $1B+ in volume.
- Integrated blockchain and backend APIs for swaps and transfers, handling failure and edge cases to keep financial errors at zero and reliability above 98%.
- Built an AI assistant (Vercel AI SDK, assistant-ui) that walks users through the platform and renders interactive UI from structured responses, cutting support tickets by over 40%.
- Designed a double-entry ledger in Node.js and PostgreSQL covering crypto and fiat deposits, withdrawals and swaps, giving auditors a single source of truth for balances across all transactions.
- Set up streaming WAL replication to a read replica, improving database durability and offloading the platform's read-heavy traffic to cut primary database load by 70%.

Web3Bridge | Blockchain Developer & Tutor | Lagos, Nigeria *Aug 2024 – Present*

- Teach weekly classes to 30+ students on blockchain fundamentals, applied cryptography and zero-knowledge proofs.
- Built cross-chain bridges, smart contracts and frontends for DeFi, commodity marketplace and ticketing products using Solidity, Ethers.js, Thirdweb and RainbowKit.

Cesel | Full-Stack Developer | Akure, Nigeria *Apr 2024 – Aug 2024*

- Built the websites, dashboards and REST APIs for Irrigo in Next.js, TypeScript, Node.js, Supabase and PostgreSQL.
- Cut development time by 30%+ by extracting shared modules reused across projects.

Schoolable | Frontend Developer | Remote *Nov 2023 – Jun 2024*

- Built payroll and inventory features for an e-commerce platform in Next.js, TypeScript and Tailwind CSS, integrating REST APIs across 3 internal applications.

PROJECTS

- **Conduit (2026)** — Payment settlement service built around a double-entry ledger, reconciliation and failure-safe async processing.
- **Privacy Protocol (2026)** — Reusable smart contracts and SDKs that let developers add ZK, FHE and encryption-based privacy to Web3 apps.
- **Dokto (2024)** — Built the frontend and video-call feature for doctor–patient consultations.

SKILLS

Frontend: TypeScript, React, Next.js, React Native, Tailwind CSS, Motion, Vercel AI SDK
Backend: Rust, Node.js, Express, PostgreSQL, Supabase, MongoDB, GraphQL
Web3: Solidity, Rust, Cairo, Noir, Ethers.js, Foundry

EDUCATION

B.Tech Computer Science | Federal University of Technology Akure *2015 – 2021*
Masters in Computer Science by Coursework | University of New Brunswick *In View*

AWARDS

NaijaSecCon 2018 Capture The Flag — Team ranked 3rd nationally