

OLAGUNJU SELIM

Full Stack Engineer · React · TypeScript · Laravel · MySQL · Fintech · EdTech · Civic Data Platforms

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PROFESSIONAL SUMMARY

Full Stack Engineer with **5+ years of experience** designing and shipping end-to-end web applications across fintech, EdTech, civic tech, geospatial intelligence, and real-time data platforms. Proficient across the full stack — React, TypeScript, and Tailwind CSS on the frontend; **Laravel** (including **Blade templating**), MySQLi, and MySQL on the backend. Delivered **8+ production products** across Africa and global markets: from Nigeria's largest civic election portal to a global trade finance OS and a USAID-funded African mining intelligence platform. Experienced technical mentor who consistently elevates team velocity and delivery quality.

EXPERIENCE

Full Stack Engineer

Jan 2022 – Present

Cardri — Intra-Africa Cross-Border Payments Platform · Abuja, Nigeria

- Led full-stack development of a multi-currency B2B payments platform enabling cross-border transactions across Africa.
- Built responsive, mobile-first UIs in React, TypeScript, and Tailwind CSS; designed and maintained RESTful APIs with Laravel and MySQLi backed by MySQL.
- Architected MySQL database schemas covering transaction records, wallet balances, user accounts, and real-time FX rates.
- Integrated payment, wallet, and FX APIs — handling end-to-end transaction flows, currency exchange, and secure user authentication.
- Built a reusable component library that cut new-feature development time by ~20%.
- Mentored 3 junior engineers through structured code reviews and pair programming, boosting team velocity by 20%.
- Achieved 30% reduction in page load times via lazy loading, code splitting, and bundle optimisation.

Frontend Engineer

Jul 2023 – Jul 2024

Tradevu (tradevu.co) — Financial OS for Global Trade · Lagos, Nigeria

- Built and optimised the core product UI for Tradevu's Financial OS — a global trade and transaction banking platform enabling businesses to manage payments, trade finance, and working capital across borders.
- Engineered dashboards, multi-currency payment flows, invoice management, and account management screens using React, TypeScript, and Tailwind CSS.
- Designed a modular component library enforcing design consistency and accelerating feature delivery across the platform.
- Improved performance through lazy loading and efficient state management with Redux Toolkit and TanStack Query.
- Championed code-review standards and testing practices that reduced UI inconsistencies in critical payment flows.
- Collaborated cross-functionally with product, design, and backend teams, cutting project delivery timelines by 25%.

Full Stack Engineer — Election Data Portal

Sep – Nov 2024 · Contract

Dataphyte · election.dataphyte.com · Abuja, Nigeria

- **Sole developer** of Nigeria's largest civic election-data portal — covering results and incident tracking across all **774 LGAs** for every election tier: presidential, senatorial, House of Representatives, and state assemblies.
- Built the full-stack application using **Laravel** and **Laravel Blade** for server-rendered, SEO-optimised views, backed by MySQL.

- Engineered high-performance data ingestion pipelines and query layers capable of sustaining high-volume concurrent reads during live election-night traffic.
- Integrated real-time APIs delivering live results, candidate data, and incident reports to journalists, election observers, and the public.
- Built candidate and political-history modules linking players' full electoral track records to live contest data.
- Implemented interactive geospatial visualisations mapping results across states, senatorial districts, and LGAs.

Frontend Engineer — Goloka & JET Minerals

Sep – Nov 2024 · Contract

Dataphyte · goloka.io · jet.dataphyte.org · Abuja, Nigeria

- **Goloka (goloka.io):** Built the frontend for Dataphyte's real-time market intelligence and hyperlocal data-collection platform — used for field surveys, point-of-interest data, and AI language datasets across Africa (including a Meta partnership for 5 Nigerian languages).
- **JET Minerals (jet.dataphyte.org):** Built the frontend for a USAID-funded mining transparency platform covering green mineral networks, legal ownership structures, and extractive-industry accountability across Nigeria, Ghana, Mozambique, and DRC.
- Developed interactive map-based interfaces using **Mapbox API** and **Google Maps API** for geospatial visualisation of mining sites, stakeholder networks, and mineral exploration data.
- Built a shared modular React component library reused across both Goloka and JET Minerals, maintaining UI consistency and accelerating delivery.
- Integrated real-time APIs for mining reports, legal data, and field intelligence — enabling accurate, timely insights on a high-volume transparency platform.
- Ensured WCAG accessibility compliance and cross-device performance across both products.

Full Stack Engineer

2022 – 2023

Skollen — AI-Powered Learning & Exam Preparation Platform · Nigeria

- Contributed to an EdTech platform now serving **60,000+ registered students** with AI-powered mock exams, verified tutors, and escrow-protected payments.
- Built learner dashboards, tutor profiles, session booking, and AI-driven CBT exam practice (WAEC, JAMB, NECO, IELTS) using React and TypeScript.
- Implemented the escrow payment flow UI — enabling trust-based, secure transactions between learners and 2,000+ certified tutors.
- Built responsive, mobile-first interfaces optimised for Nigerian and broader African network conditions.

Frontend Engineer - Contract

Feb 2024 – Jan 2025

Namevise — Digital Publishing & Web Platforms · Remote, United States

- Built custom WordPress themes and plugins for scalable, SEO-optimised content platforms with WooCommerce e-commerce and ad-based monetisation.
- Managed end-to-end delivery across multiple client websites — development, QA, security hardening, accessibility audits, and migrations.

TECHNICAL SKILLS

Frontend:	React, React Native, TypeScript, JavaScript (ES2022+), HTML5, CSS3, Tailwind CSS, Vue
Backend:	Laravel (PHP), Laravel Blade, MySQLi, RESTful API Design, Server-side MVC
Database:	MySQL, phpMyAdmin, PostgreSQL, Supabase
State Mgmt:	Redux Toolkit, Zustand, TanStack Query (React Query), React Context API
Maps & Geo:	Mapbox API, Google Maps API, OpenStreetMap (OSM), Geospatial data visualisation
APIs & Integr.:	Payment & Wallet APIs, FX/Currency APIs, WebSockets, Escrow Flows, Election & Civic Data APIs

CMS & Commerce: WordPress (Custom Themes & Plugins), WooCommerce

Tooling: Git, GitHub, Vite, Webpack, Figma, WCAG Accessibility, SEO, Performance Optimisation

KEY ACHIEVEMENTS

- **Nigeria's Largest Election Portal** — Sole developer of election.dataphyte.com — results & incident tracking across 774 LGAs for Nigeria's 2023 general elections, built with Laravel & Blade.
- **USAID-Funded Mining Intelligence Platform** — Built the frontend for JET Minerals (jet.dataphyte.org), a transparency platform covering extractive industries across 4 African countries.
- **Meta Language Partnership** — Built the Goloka (goloka.io) frontend supporting a Meta collaboration to collect AI training data in 5 Nigerian indigenous languages.
- **60,000+ Students Reached** — Contributed to Skoollen, an AI-powered EdTech platform now serving over 60,000 registered students across Nigeria.
- **30% Faster Page Load Times** — Optimised bundle sizes, lazy loading, and code splitting across multiple production platforms.
- **25% Faster Project Delivery** — Introduced component-driven development and agile practices at Tradevu, cutting feature release cycles significantly.
- **8+ Products Shipped** — Delivered across Cardri, Tradevu, Dataphyte (Election Portal, Goloka, JET Minerals), Skoollen, and Namevise.