

MICHAEL ABANIWO

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[my-portfolio](#) | <https://www.linkedin.com/in/michael-abaniwo/> | <https://github.com/AbaniwoM>

PROFESSIONAL SUMMARY

High-performance Frontend Engineer with 4+ years of expertise architecting high-stakes fintech, enterprise metrics, and scalable web architectures leveraging React.js, Next.js, and TypeScript. Specialized in optimizing state machinery, client-side caching, real-time message streams, and cross-platform UI integration. Proven track record collaborating with backend stakeholders to design resilient data-fetching structures, maximize rendering parameters, and implement accessible, high-converting digital platforms.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Node.js, HTML5, CSS3

Frameworks & Libraries: React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS, Capacitor.js, Expo (React Native)

Data Architecture & Analytics: D3.js, Recharts, Highcharts, Sanity CMS, Firebase Firestore, WebSockets, Server-Sent Events (SSE)

Tooling & Cloud Pipelines: Git, GitHub Actions, CI/CD, Metrobundler, Vercel, Netlify, Figma, PostCSS (Oxide Engine)

PROFESSIONAL EXPERIENCE

Frontend Web Developer | Automotion Technologies Limited
November 2025 – Present | Lagos, Nigeria

- Engineered multi-step KYC onboarding architectures, multi-signature transaction processing, and biometric client-facing systems utilizing Next.js, React, and strict TypeScript.
- Formulated data-driven analytics dashboards, charts, and financial heatmaps with Recharts and D3.js; integrated explicit currency rounding rules and decimal precision models to eliminate display discrepancies across complex billing views.

- Integrated bidirectional data synchronization using WebSockets and Server-Sent Events (SSE), ensuring accounting parameters, user balances, and system logs refresh instantly without execution overhead.
- Migrated project styling configurations to Tailwind CSS v4 using the native Oxide compilation engine, cutting local bundle compilation and Hot Module Replacement (HMR) speeds.
- Implemented Capacitor.js structural wrappers to bundle content-driven engagement applications, configuring custom native push and local notification triggers.

Frontend Web Developer | Proddly
August 2025 – October | Remote

- Re-architected core application flows into modular, tree-shakable React components, accelerating overall execution performance metrics by 80% on content delivery modules.
- Established clean data-fetching patterns and asynchronous state layers by combining structural CMS hooks with optimized Zustand store machinery.
- Boosted application performance by 35% through the implementation of lazy loading boundaries, route prefetching strategies, and responsive viewport design patterns.

Project / Systems Analyst | SAVIC Company Limited
February 2024 – February 2025 | Lagos, Nigeria

- Collaborated with cross-functional engineering teams to model pipeline diagnostic interfaces and mapping models.
- Prototyped, tested, and validated cross-platform mobile application models for delivery of engineering reports, speeding up delivery pipelines by 75%.
- Drafted and maintained technical requirement documents, endpoint specifications, and structural data maps.

Frontend Developer | Silo Inc.
June 2023 – October 2023 | Lagos, Nigeria

- Developed and scaled responsive user interfaces using modern semantic web practices, CSS layout models, and PHP.
- Raised overall client satisfaction indices by 30% by aligning existing interface designs with WCAG accessibility guidelines.

Frontend Developer | Hamoye.com
May 2022 – July 2022 | United Kingdom (Remote)

- Engineered a library of atomized, highly reusable UI components using React and TypeScript, standardizing visual layout systems across legacy platforms.
 - Translated wireframes and cross-functional user journeys from Figma into pixel-perfect web implementations, establishing scalable modern design patterns and state logic.
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EDUCATION & CERTIFICATIONS

Diploma in Backend Engineering (Node.js) | AltSchool Africa (2022 – 2023)

Bachelor of Science (BSc) in Marine Biology | University of Lagos, Nigeria (2015 – 2019)

Certified Project/Systems Analyst Portfolio Badge | Lagos Impact Week Enterprise