

AYOMIDE ADEYEMI

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Professional Summary

Software Engineer with over 4 years of experience architecting cross-platform web and mobile solutions using TypeScript, React Native (Expo), Next.js, and Node.js. Focused on engineering high-performance, maintainable systems that scale business infrastructure.

Technical Skills

Languages: TypeScript, JavaScript (ES6+), Python, Go

Mobile: React Native, Expo, Android & IOS Deployment

Frontend: React.js, Next.js, Tailwind CSS, Styled Components

Backend: Node.js, Express, Go

State & Data: TanStack Query, Context API, Redux, REST & GraphQL APIs

Tools: Git, GitHub, Vercel, Figma, Jest, CI/CD, React Testing Library

Cloud: Firebase, Supabase, AWS

Professional Experience

Frontend and Lead Project Manager

Taskify360 · Texas, USA · Jan 2026 – Present

- Architected multi-sided marketplace scheduling infrastructure using Next.js and Node.js, reducing state reconciliation overhead and managing concurrent transactional booking systems.
- Designed decoupled frontend dashboard architecture, establishing strict component isolation boundaries that improved feature iteration velocity by 40%.

Frontend Engineer (Web & Mobile Application)

Bawse · Spain · May 2022 – January 2025

- Led development of mobile features using React Native and migrated legacy web architecture to Next.js server-driven strategies, achieving a 50% increase in organic discovery via programmatic metadata optimizations.
- Reduced production runtime crashes by 20% and slashed TTFB/response times by 30% by implementing global error boundaries, custom interceptors, and strategic memory profiling.

Software Developer (Freelance)

Remote · Oct 2021 – Jan 2026

- Developed cross-platform mobile apps and web dashboards for Fintech/E-commerce startups, maintaining a 90% client satisfaction rate.
- Optimized semantic HTML and SEO structures, improving search rankings and user engagement by 20%.

Frontend Developer

WosAm Arena · Lagos · Jun 2022 – Feb 2023

- Revamped the mobile and web event booking experience, leading to a 20% increase in conversions.
- Refactored legacy code to a modern React/TypeScript stack, significantly increasing developer velocity and reducing technical debt.

ENGINEERING PROJECTS

Axiom –AI Research Agent | Next.js, TypeScript, Gemini API | [Link To Project](#)

- Engineered an autonomous multi-step research agent utilizing declarative schema interfaces to parse, validate, and process highly unstructured data payloads.
- Designed a deterministic state orchestration engine to safely coordinate recursive LLM API execution, mitigating execution loop overhead for long-running processes.

TrackEB – Geospatial Mobile App | React Native, Expo, Node.js | [Link To Project](#)

- Developed a location-aware mobile application optimized for high-throughput geospatial rendering, utilizing layer clustering to maintain 60 FPS during data re-renders.
- Implemented an offline-first state synchronization engine and background thread location tracking to handle un-compromised data ingestion within zero-connectivity zones.

Education

Obafemi Awolowo University

B.Sc., Mechanical Engineering · 2016 – 2022