

AYOMIDE ADEYEMI

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FULL-STACK / PRODUCT ENGINEER

Software Engineer building web, mobile, and backend products for startups and product teams. Works across product decisions, frontend, backend APIs, real-time systems, cloud infrastructure, and AI-powered features, with a primary stack of TypeScript, React, Next.js, React Native, Node.js, and modern backend frameworks.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go

Frontend: React, Next.js, React Native, Expo, Vue, Tailwind CSS

Backend: Node.js, NestJS, Fastify, Hono, Express, REST APIs, GraphQL, tRPC

Data: PostgreSQL, MySQL, MongoDB, Redis, Prisma, Drizzle ORM

Cloud & DevOps: AWS, Vercel, Firebase, Supabase, Docker, GitHub Actions, CI/CD

Realtime & Async: WebSockets, Server-Sent Events (SSE), Redis Streams, BullMQ

AI Engineering: OpenAI API, Gemini API, Vercel AI SDK, RAG, vector databases, LangChain, structured LLM workflows

Auth & Testing: JWT, OAuth, Clerk, Auth0, Jest

PROFESSIONAL EXPERIENCE

Full-Stack Software Engineer → Product Lead | Taskify360 | Jan 2026 – Present

- Joined as a Full-Stack Software Engineer and progressed to Product Lead, leading a 3–4 person engineering team while continuing to contribute hands-on.
- Worked directly with the founder to take the marketplace from product concept through production, contributing to the launch of the first paying users and transactions.
- Built the community system end-to-end, including user posts, community creation and editing, moderation controls, reporting, and superadmin capabilities.
- Built the frontend for Stripe payment flows and withdrawals, and worked across the backend to diagnose and fix payment integration issues.
- Used Next.js, TypeScript, Node.js and Hono across the product, including dashboard architecture that reduced feature delivery time by approximately 40%.
- Led task planning, delegation, technical decisions, and delivery across the engineering team; coordinated the response to a recurring production crash caused by a crypto-related bug and worked with DevOps through the investigation and fix.

Software Engineer | Bawse | May 2022 – Jan 2025

- Owned frontend development across web and mobile products within a cross-functional team of designers, backend engineers, product managers, and marketers.
- Built React Native/Expo mobile features and Next.js web applications, contributing to technical decisions and product delivery.
- Migrated legacy web applications to Next.js, contributing to a 50% increase in organic traffic and improved SEO visibility.
- Reduced production crashes by 20% through structured global error handling and application monitoring.

Freelance Software Engineer | Remote | Oct 2021 – Present

- Built web and mobile products for startups and clients across fintech, SaaS, e-commerce, and event businesses using React, React Native, Next.js, TypeScript, and Node.js.
- Worked across frontend, backend APIs, payments, cloud infrastructure, queues/message brokers, GraphQL, Redis, Supabase, Firebase, and SQL/NoSQL databases.
- Managed projects from requirements and technical planning through implementation, testing, and production deployment while collaborating with developers and designers.
- Improved Core Web Vitals and product performance, contributing to a 20% increase in user engagement.

Frontend Developer | WosAm Arena | Jun 2022 – Feb 2023

- Redesigned the primary event booking platform with React and TypeScript, contributing to a 20% increase in conversions.
- Refactored legacy React code into modular components to improve maintainability and support continued product changes.

SELECTED PROJECTS

Latch — Webhook Ledger & API Proxy | Next.js • Node.js • TypeScript • PostgreSQL • Redis • SSE

- Built a cloud webhook ledger and API proxy that captures, inspects, stores, and replays webhook payloads for debugging integrations and event-driven systems.
- Developed real-time event delivery with Server-Sent Events, backed by Redis Streams/queues and PostgreSQL for persistent event history.
- Designed the ingestion and processing flow for concurrent webhook events, achieving sub-50 ms ingestion latency in testing.

Axiom — AI Research Platform | Next.js • TypeScript • Gemini • Vercel AI SDK

- Built an AI research platform for autonomous web research, scraping, verification, and multi-step LLM workflows using Next.js, TypeScript, Gemini, and the Vercel AI SDK.
- Implemented structured output validation, schema-driven workflows, RAG and vector search patterns to make research results more reliable and usable by downstream steps.
- Built circuit-breaker and workflow controls around model/tool execution and multimodal streaming.

TrackEB — Geospatial Mobile Application | React Native • Expo • Node.js

- Built a React Native/Expo geospatial mobile application for tracking and visualizing location-based data.
- Implemented offline synchronization and optimized map rendering for large sets of geospatial data.

EDUCATION

Obafemi Awolowo University

Bachelor of Science (B.Sc.), Mechanical Engineering