

PRECIOUS NWAOHA

Senior Full-Stack & AI Engineer

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SUMMARY: Full-Stack & AI Engineer with 6+ years of experience building web, mobile, and desktop products with TypeScript, React/Next.js, Node.js/NestJS, Python, FastAPI, and real-time LLM tooling. I own frontend, backend, and cloud architecture end to end, ship revenue-generating products, and diagnose production issues quickly.

SKILLS:

Frontend: TypeScript, JavaScript, React, Next.js, React Native, Electron, Tailwind, Redux, TanStack, Material UI, HTML, CSS.

Backend: Node.js, NestJS, Python, FastAPI, Express, Redis, PostgreSQL, GraphQL, REST APIs, WebSockets, Supabase, Firebase, MongoDB, ORMs(Prisma, TypeORM), SQL.

AI / LLM: OpenAI, Anthropic, Gemini, OpenRouter, RAG, AI Agents, prompt workflows, LiveKit, Pinecone, pgvector, MCPs.

DevOps: AWS, GCP, Docker, Vercel, Ngix/Caddy, Coolify, CI/CD, Terraform, S3, EC2, observability, caching, autoscaling.

Product / Quality: Sentry, PostHog, Grafana, Cypress, Jest, CMS (Strapi, Sanity), BullMQ, Git, GitHub, SEO, documentation.

EXPERIENCE:

Pharmora — Full-Stack & AI Engineer | Remote, US

Mar 2025 - Apr 2026

- Built a vendor mobile app in React Native (Expo) handling daily customer order operations, payments requests, and stock management across 40+ pharmacies and skincare stores.
- Engineered an AI healthcare agent with 30+ tools, 3-layer memory, internal safety gating, and multilingual/voice that guides users through inquiry, escalation, resolution and follow-up on any health issue.
- Designed event-driven microservices with NestJS, PostgreSQL, Redis, and BullMQ, reducing order-processing latency by ~30%, and achieved an 18% increase in cart conversions through multi-agent LLM automation.
- Deployed and scaled services on AWS using EC2, Redis, and S3, handling 9,000+ weekly order events.
- Developed multi-modal AI chat for automating customer operations, which increased cart conversions by 18%.

Inkspiff — Principal Engineer (Full-Stack & AI) | Remote, US

May 2023 - Feb 2025

- Co-built an AI SaaS platform that documents large codebases in under 60 seconds using GitHub webhooks, Node.js + LLM pipelines, and Next.js/TypeScript with live update streaming over WebSockets.
- Implemented CRDT-based collaborative AI document editor using Y.js and CodeMirror, enabling real-time conflict-free sync via socket.io for distributed teams and increasing average session duration to 25 minutes.
- Managed self-hosted infrastructure handling 350k+ daily requests on AWS (EC2, S3, PostgreSQL) with Docker, helping reduce cloud costs by ~70%.

Shoplefterse — Frontend Developer (Web3) | Remote, Nigeria

Jun 2022 - Jun 2023

- Built a web3 marketplace with Next.js and Ethers.js, enabling crypto purchases for 1,000+ users.
- Translated design specifications into pixel-perfect UI and shipped a waitlist site with React, TypeScript, and Firebase that captured 250+ launch leads per month.
- Improved checkout reliability by ~30% through a cleaner escrow-based flow and idempotent processing.

Roar Nigeria — Frontend Web & AI Intern | Onsite, Enugu

Nov 2021 - May 2022

- Engineered a Slack-style real-time communication app using React, TypeScript, and Socket.io, tested at an accelerator to improve team efficiency by 50% by reducing decision latency.
- Led a 40-day paired coding challenge in Python and ML libraries, helping interns build at least 2 new core technical proficiencies to each participant and improved collaboration and delivery cadence.

Guide To Phone — Software Developer (Web) | Remote, Abuja

Mar 2020 - Oct 2021

- Maintained high-traffic website for an 800,000+ user base, ensuring responsiveness, speed, and stability.
- Presented demos/updates to non-technical stakeholders and improved copy to as high as 20% conversion rate.

PROJECTS:

No-code AI Pipeline Builder (open source) – Built a visual drag-and-drop AI automation platform with React and FastAPI, enabling users to compose LLM, RAG, and API workflows on a canvas. (April 2026)

velinai.live (macOS, Windows & Web) – Solo-built real-time meetings AI assistant with Electron, C++, React + Tailwind, CI/CD, and Supabase, now used by 400+ weekly users and generating \$512 MRR. (Aug 2025)

includda.com (4 Web Apps) - Healthcare Supply Chain Infra – Developed frontend of four web apps for medical-equipment supply and insurance, using Next.js, TypeScript, Redux, Tailwind CSS, Axios. (Apr 2025)

EDUCATION:

University of Nigeria

B.Eng in Electrical Engineering - 2018 - 2024.

ALX Africa Program

Software Engineering - Feb 2022 - Jun 2022.

AWARDS/ACHIEVEMENTS:

- Winner: Kiros Code Competition - Jun 2024.
- 2nd place: Blockchain UNN Hack - Apr 2023.
- Winner: Bunzz Developer Hackathon - Feb 2023.
- Winner: Blockchain Hub Africa Hack - May 2022.