Oluwatobi Ayoola Jolaosho

FULL-STACK SOFTWARE ENGINEER | REACT, NEXT.JS & NODE.JS

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PROFESSIONAL SUMMARY

Full-stack software engineer delivering customer-facing applications, merchant dashboards, marketplaces and SaaS products with React, Next.js and TypeScript/Node.js. Experience connecting intuitive interfaces to secure APIs, database workflows, payments, authentication and cloud infrastructure, from initial implementation to ongoing production maintenance.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Redux, MUI, Tailwind CSS, Three.js, Vite, React Native/Expo

Backend: Node.js, Express, NestJS, Hono, Bun, REST APIs, Zod

Data & integrations: MongoDB, PostgreSQL, Redis, Firebase, Drizzle, Knex, Paystack, Monnify

Delivery & testing: AWS EC2, CircleCI, Docker, GitHub Actions, Cloudflare Workers/D1, Vitest, Supertest, Playwright

PROFESSIONAL EXPERIENCE

Ajeoba Agro Exchange | Software Developer

Mar 2025 - Present | app.ajeoba.com | ajeoba.com

React, MUI, Redux, Node.js, Knex, Redis, AWS EC2, Monnify

- Restored a non-functional production codebase through core workflow refactoring and dependency modernization.
- Maintain the main branch and develop React/MUI/Redux interfaces and Node.js backend features across KYC, administration, wallets, logistics and payments.
- Built EC2 deployment pipelines and resolved staging Nginx/SSL issues while supporting production maintenance.

SELECTED TECHNICAL PROJECTS

Vendavero | Full-Stack Product Development

Nov 2026 - Present | vendavero.com | Next.js, React, TypeScript, Node.js, Express, MongoDB, Redis, LangGraph, AWS EC2, CircleCI

- Built merchant dashboards and customer storefronts using Next.js, React, TypeScript, Node.js and Express, connecting UI workflows to multi-tenant business APIs.
- Developed a storefront editor with 10 templates, previews, publishing and integrated checkout.
- Implemented inventory transfers, sales, returns and offline drafts with server-side conflict detection and staff review.
- Integrated checkout, payment verification and WhatsApp shopping; connected natural-language sales drafts to staff confirmation workflows.
- Automated frontend and backend delivery to AWS EC2 through CircleCI with readiness validation and backend rollback.

SELECTED PROJECTS (CONTINUED)

Anambra Life | Full-Stack Developer

anambralive.com | React, TypeScript, Three.js, Node.js, Express 5, MongoDB, Paystack, Playwright

- Developed a browser-based 3D simulation with Three.js maps from OpenStreetMap, customizable avatars, furnished rooms and desktop/mobile movement controls.
- Built React onboarding, wallet, chat and staff interfaces with typed APIs, device-aware graphics and synchronized time/weather effects.
- Implemented Express 5 APIs, MongoDB persistence, Google sign-in, role-based sessions and Paystack checkout with signed webhooks.
- Added API, unit and Playwright browser tests.

GoLodge | Full-Stack Developer

Next.js, Bun, Hono, Better Auth, Drizzle, PostgreSQL, Redis

- Built a rental marketplace with property discovery, booking, host tools and maps, supported by a Bun/Hono API and authenticated data access.

CoreLabs / LedgerNode & CoreLabsStudio | Founder / Full-Stack Engineer

corelabs.it.com | studios.corelabs.it.com | React, TypeScript, Firebase

- Building commerce and creator tools spanning live auctions, digital wallets and AI content; shipped a video pipeline for consistent characters, scene generation, assembly and social publishing.

Vamvamvam AI | Founder / Full-Stack Engineer

vamvamvamai.com | Express, TypeScript, React, Firebase, MongoDB

- Built an AI social media management product with a React frontend, modular Express/TypeScript backend, Firebase authentication and MongoDB persistence.

WA Stores | Backend / Platform

Hono, Cloudflare Workers/D1, Next.js, Zod

- Developed WhatsApp commerce tools for inventory, orders, payment links and merchant dashboards, with Worker APIs across a landing, dashboard and admin monorepo.

Pas2me | WhatsApp Commerce Bot

pas2me.com | Express, TypeScript, Baileys, SQLite, Drizzle

- Built customer chat workflows for product search, carts, checkout, order tracking, cancellation and reordering with Monnify, wallet and bank-transfer options.
- Implemented merchant workflows for stock, orders, reporting, refunds, staff invitations and wallet top-ups and withdrawals.

My Story Hat | Founder / Full-Stack Engineer

Node.js, Express, OpenAI, Google Imagen/Veo

- Built personalized multimedia storybook workflows combining AI text, images and video, using asynchronous jobs and exponential backoff for rate limits.

Additional projects: Guardget (role-based dashboards); PAYEASY-API (QR commerce backend); Broadcasterbot (CLI and web interfaces).

LEADERSHIP

Google Developer Student Club, AFIT | First Community Manager

Founded and grew the campus developer community, organizing software engineering, embedded systems and collaborative projects. Also served as Mechatronics Engineering course representative.

EDUCATION

B.Eng. Mechatronics Engineering | Air Force Institute of Technology

Second Class Upper Honours (2:1) | Embedded systems, automation, C++, Python, MATLAB