Oluwatobi Ayoola Jolaosho

PRODUCT ENGINEER | FULL-STACK SOFTWARE ENGINEER

ayoola.oluwatobi.dev@gmail.com | Portfolio: https://oluwatobi-motion-portfolio.vercel.app/
github.com/codeironside | linkedin.com/in/oluwatobi-jolaosho

PROFESSIONAL SUMMARY

Product-minded software engineer building end-to-end SaaS, commerce, fintech and applied AI products. Experience translating business workflows into merchant tools, customer experiences, transactional systems and production releases. Combines full-stack development, product ownership and legacy platform modernization with a foundation in Mechatronics Engineering.

TECHNICAL SKILLS

Product engineering: End-to-end delivery, product prototyping, user-facing workflows, multi-tenant SaaS
Engineering: TypeScript, JavaScript, Node.js, Express, NestJS, Hono, React, Next.js, Three.js
Data & integrations: MongoDB, PostgreSQL, Redis, Drizzle, Knex, Paystack, Monnify, webhooks, LangGraph
Delivery: AWS EC2, CircleCI, Docker, GitHub Actions, Cloudflare Workers, 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 agricultural exchange platform, refactoring critical workflows and replacing deprecated dependencies to improve maintainability.
- Deliver frontend and backend features across farmer onboarding/KYC, administration, wallets, logistics and Monnify payments while maintaining the main branch.
- Built AWS EC2 deployment pipelines and resolved staging Nginx/SSL issues to support ongoing production releases.

SELECTED PRODUCT ENGINEERING 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 a multi-tenant commerce platform connecting merchant dashboards, branch operations, inventory, online storefronts and WhatsApp shopping.
- Developed a storefront editor and 10 templates for previewing and publishing branded shops with integrated checkout.
- Engineered stock receiving, transfers, sales and returns using MongoDB transactions; routed conflicting offline drafts to a staff review queue.
- Connected payment verification, stock reservations and reconciliation with AI-assisted inventory queries and sales drafts requiring staff confirmation.
- Automated releases to AWS EC2 using CircleCI, reviewed merges, readiness checks and backend rollback.

SELECTED PROJECTS (CONTINUED)

Anambra Life | Full-Stack Developer

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

- Built an interactive browser-based 3D life simulation spanning transport, property, careers, commerce and social interactions.
- Developed city maps, customizable avatars, rooms and device-aware controls; connected onboarding, wallet, chat and staff interfaces to typed APIs.
- Implemented transactional wallets, balanced ledgers, escrow, refunds and signed payment webhooks; added API, unit and browser tests.

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.

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.

Guardget | Founder / Backend Engineer

Multi-tenant SaaS, RBAC, subscriptions

- Implemented device registration, theft reports, anti-sale locks, ownership transfers and recovery workflows with role-based dashboards.

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.

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: PAYEASY-API (QR checkout); WA Stores (WhatsApp commerce); Broadcasterbot (messaging automation).

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