Oluwatobi Ayoola Jolaosho

FINTECH SOFTWARE ENGINEER | PAYMENTS & TRANSACTIONAL SYSTEMS

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PROFESSIONAL SUMMARY

Software engineer with hands-on experience building payments, digital wallets, balanced ledgers, escrow and commerce transaction workflows. Develops TypeScript/Node.js services that handle signed webhooks, server-side payment verification, idempotency, refunds, reconciliation and reliable inventory state transitions. Experienced in production platform modernization and cloud deployment.

TECHNICAL SKILLS

Financial systems: Payment integration, digital wallets, ledgers, escrow, refunds, reconciliation, idempotency, webhooks

Backend: TypeScript, JavaScript, Node.js, Express, NestJS, Hono, REST APIs

Data & security: PostgreSQL, MongoDB, Redis, Knex, Drizzle, database transactions, RBAC, session management

Integrations & delivery: Paystack, Monnify, AWS EC2, CircleCI, Docker, GitHub Actions, Nginx, Supertest, Vitest

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, refactoring critical business workflows and replacing deprecated dependencies.
- Deliver wallet and Monnify payment features alongside farmer onboarding/KYC, administration and logistics, maintaining the main branch.
- Built AWS EC2 deployment pipelines and resolved staging Nginx/SSL issues to support 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 commerce and inventory services connecting branch stock, storefront checkout, sales and returns across merchant workspaces.
- Implemented checkout payment reconciliation with signed provider webhooks, duplicate-processing prevention and stock reservation expiry.
- Handled payment and inventory state transitions, including successful payments received after a stock reservation was released.
- Used MongoDB transactions for related inventory updates and added conflict review for offline sales drafts.
- Automated production delivery on AWS EC2 through CircleCI, including 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

- Built a virtual economy with transactional wallets, balanced ledgers, escrow, refunds and retry protection.
- Integrated Paystack checkout with signed webhooks and server-side verification; connected wallet and staff interfaces to typed APIs.
- Implemented separate player/staff sessions, role-based access, MongoDB persistence and automated tests.

PAYEASY-API | Backend Engineer

Node.js, TypeScript, PostgreSQL, Redis, Paystack

- Built a headless QR shopping API integrating Redis session carts, Paystack checkout, receipts and PostgreSQL/JSONB transaction records.

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.

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.

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.

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.

Additional projects: Vamvamvam AI (authenticated SaaS backend); My Story Hat (asynchronous processing and retry backoff).

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