

Chibuike S. Ewenike

Software Engineer | Backend & Full-Stack | AI Systems & AI Agents

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience designing, building and deploying production SaaS platforms end to end in Python (FastAPI, Django), Go and TypeScript (React, Next.js, Node.js). Builds AI-powered products: LLM integration, retrieval-augmented generation (RAG), vector search, agentic data-extraction pipelines and AI agent evaluation. Shipped and operates multi-tenant systems in healthcare/pharmacy, logistics, edtech, legal-tech and fintech, owning system design, APIs, databases, payments, security, cloud deployment and observability. Also a lawyer, called to the Nigerian Bar in 2025.

TECHNICAL SKILLS

Languages: Python, Go (Golang), TypeScript, JavaScript, SQL, HTML/CSS

Backend & Frameworks: FastAPI, Django, Node.js, Express, Go chi, Gin, React, Next.js, TanStack, Tailwind CSS, Celery, REST APIs, Server-Sent Events (SSE), WebSockets

AI & Data: LLM integration (OpenRouter, OpenAI-compatible APIs), RAG, Qdrant vector search, dense retrieval, retrieval evaluation (nDCG), Haystack, AI agents, LLM evaluation, structured output extraction

Databases & Messaging: PostgreSQL (row-level security, multi-tenancy), MySQL, MongoDB, Redis, RabbitMQ, Firebase

Cloud & DevOps: Docker, nginx, Linux, Oracle Cloud, AWS, Google Cloud, DigitalOcean, Cloudflare (Pages, R2, Workers, Turnstile), Vercel, MinIO/S3, CI/CD, backups

Security & Payments: OAuth 2.0, JWT, TOTP/MFA, RBAC, refresh-token rotation, CSRF protection, Stripe (Checkout, Billing, Connect), Flutterwave

Quality & Observability: Pytest, Vitest, Playwright E2E, OpenTelemetry, Prometheus, Grafana, structured logging, PWA/offline-first, web push, HL7 FHIR R5

PROFESSIONAL EXPERIENCE

Founder & Lead Software Engineer — QuickPharms

Aug 2026 – Present

Multi-tenant pharmacy management SaaS and point-of-sale (POS) platform for Nigerian pharmacies.

- Architected and built a multi-tenant Go backend on PostgreSQL with row-level security, exposing ~275 REST API endpoints to an 86-route React Progressive Web App (PWA).
- Delivered an offline-first POS: barcode scanning, split-tender payments (cash, transfer, POS terminal, store credit) and a sync outbox that queues sales and stock changes offline and reconciles them on reconnect.
- Implemented per-batch (lot and expiry) inventory, multi-branch stock, purchase orders, reorder suggestions from search misses, and custom roles with server-enforced feature flags.
- Built AI features including voice-to-cart ordering and an analytics assistant with an intent router and automated accuracy evaluations.
- Integrated with PharmaChain, a pharmaceutical distribution platform, over HL7 FHIR R5, covering product recalls with disposal evidence, returns, and compliance and revenue reporting.
- Deployed to production on an Oracle Cloud VM (Docker, nginx, PostgreSQL) with the PWA on Cloudflare Pages, a custom domain, and automated backups.

Tech: Go, PostgreSQL (RLS), React, TypeScript, PWA, IndexedDB, Docker, nginx, Oracle Cloud, Cloudflare Pages/R2/Workers, HL7 FHIR R5, LLM APIs

Lead Full-Stack Engineer (Contract) — Eureka

May 2026 – Present

AI-powered scholarship-matching and mentorship platform for international students (myeureka.app).

- Designed a multi-stage matching pipeline: hard eligibility gates (destination, gender, age), dense vector retrieval in Qdrant (chosen over a hybrid BM25/RRF design after an nDCG A/B, 0.918 vs 0.844) and LLM scoring into three fit tiers.
- Built an agentic ETL pipeline that uses LLMs to extract structured eligibility criteria, deadlines and quotas from scholarship sources, with A/B evaluation of extraction quality.
- Implemented authentication end to end: email verification, Google OAuth, TOTP, refresh-token rotation, password reset, parental consent for minors, and audit logging.
- Built an asynchronous notification system on Celery and RabbitMQ (transactional email with circuit breaker, deadline reminders, web push) and mentor bookings with Google Meet links.
- Integrated Stripe Checkout, subscriptions, dunning, session credits and mentor payouts, with webhook handling and money analytics.
- Deployed to production on DigitalOcean with OpenTelemetry tracing, Prometheus metrics and Grafana Cloud, and resolved memory and latency issues in production.

Tech: Python, FastAPI, SQLAlchemy, PostgreSQL, Qdrant, Celery, RabbitMQ, Redis, React, TypeScript, TanStack, Stripe, Docker, OpenTelemetry, Grafana

Full-Stack Engineer (Contract) — Green Rhino

Sep 2026 – Present

Fleet and trucking operations management platform for a US logistics client (cncgreenrhino.com).

- Built a Go backend and React PWA covering dispatch, multi-stop loads, drivers, trucks, customers, documents and role-based dashboards for admin, office and driver users.
- Delivered live GPS tracking with Google Maps and Routes API, loaded vs. empty mileage, and realtime updates using PostgreSQL triggers, Server-Sent Events and web push notifications.

- Shipped operational reports with scheduled CSV email exports, a public quote request flow protected by Cloudflare Turnstile, a support inbox, and an LLM-assisted paperwork wizard.
- Took the platform to production for the client in Oct 2026 on Oracle Cloud (rootless Docker, nginx, MinIO file storage, automated backups with restore drills).

Tech: Go, PostgreSQL, React, TypeScript, PWA, SSE, Web Push, Google Maps Platform, Docker, nginx, MinIO, Cloudflare Pages, Oracle Cloud

Software Engineer — Lexanalytics

Feb 2024 – Present

AI-powered legal research, analytics and contract automation platform.

- Designed and implemented metadata extraction algorithms for parsing law reports, enabling accurate indexing, search and analytics across legal documents.
- Maintained enterprise authentication systems providing secure access for law firms, researchers and institutional clients.
- Improved legal research tools for retrieval speed, relevance and usability, using AI models and Haystack retrieval pipelines.
- Built contract drafting and automation tools that generate structured documents and reduce manual drafting effort.
- Worked with cross-functional teams to translate complex legal workflows into scalable software.

Tech: Python, FastAPI, Django, PostgreSQL, React, TypeScript, AI models, Haystack

Full-Stack Engineer (Contract) — Dancedeal

Dec 2025 – Present

- Refactored an existing full-stack codebase, fixing critical bugs across backend APIs and frontend flows.
- Owned production deployment: provisioned AWS infrastructure, configured environments, deployed backend and frontend services, and set up DNS and domains.
- Strengthened authentication and authorization (token handling, edge-case auth fixes, email validation) and improved error handling, input validation and API contracts across users, courses, enrollments and transactions.
- Optimized Flutterwave and Stripe payment integrations, including webhook handling and transaction verification.

Tech: TypeScript, Node.js, Next.js, React, PostgreSQL, Docker, AWS, Tailwind CSS, React Hook Form, Zod, Flutterwave, Stripe

Full-Stack Engineer (Contract) — Nuvoro

Sep 2025 – Apr 2026

- Refactored an AI-generated full-stack codebase to improve structure, stability and maintainability, and fixed production bugs across bookings, subscriptions and dashboards.
- Added Stripe payment-method updates, subscription auto-renewal and manual renewals with robust webhook handling.
- Improved authentication, subscription logic and API contracts, then redeployed and stabilized backend and frontend services.

Tech: TypeScript, Node.js, Next.js, React, PostgreSQL, Stripe, Docker, RabbitMQ, AWS, Tailwind CSS

Backend Engineer — BrainzCode

Jun 2025 – Jul 2025

- Built Python backend services for AI applications, including voice cloning and voice synchronization systems.
- Implemented secure authentication and handled DevOps: server provisioning and production deployments on AWS and Google Cloud.

Tech: Python, AWS, Google Cloud, Linux, AI models

Lead Frontend / Full-Stack Engineer (Contract) — Growthclub (Solid Fiction)

2023

- Led the Next.js frontend from setup to launch (authentication, dashboards, subscription and payment interfaces), then returned post-launch as a full-stack engineer on payments, webhooks and cron jobs.

Tech: TypeScript, Next.js, React, Node.js, Express, MongoDB, Redis, Stripe, Docker

KEY PROJECTS

- **QuickPharms** — Pharmacy management SaaS and offline-first POS. quickpharms.com
- **Eureka** — AI scholarship matching and mentorship platform. app.myeureka.app
- **Green Rhino** — Trucking fleet management with live tracking. app.cncgreenrhino.com
- **Lexanalytics** — AI legal research, analytics and contract automation. www.lexanalytics.ai
- **DanceDeal Training Foundation** — Online training and registration platform. dancedeal.org
- **Dancerapy** — Dance fitness video streaming platform. dancerapy.org
- **Nuvoro** — Appointment booking and payments for service businesses. nuvoro.net

EDUCATION & QUALIFICATIONS

Bachelor of Laws (LLB), University of Lagos, Nigeria

2016 – 2023

Called to the Nigerian Bar: Barrister and Solicitor of the Supreme Court of Nigeria

Jul 2025

CERTIFICATIONS

2026 | Introduction to Agents (AI Agent Evaluation) | Mercor | [Credential ID MRC-2026-4N7VRR7L](#)

2025 | AI Agents Fundamentals | Hugging Face | [View certificate](#)

2020 | Python | IBM

2020 | Data Science Orientation | Coursera