

ADEBAYO EZEKIEL AYOBAMI

Cross-Platform Full Stack Software Engineer

☎ +234 808 199 1843 ✉ wemmyneat21@gmail.com 🌐 github.com/wemmyneat 🌐 wemmyneat.com
📍 Lagos, Nigeria

PROFESSIONAL SUMMARY

Results-driven Cross-Platform Full Stack Software Engineer with 5+ years of professional experience spanning mobile app development (Flutter/Dart), backend engineering (Django/Python), and modern web development (Next.js/React/TypeScript). Proven track record of architecting and delivering production-grade logistics platforms, social media applications, e-commerce systems, and AI-integrated tools. Combines a Mechanical Engineering background with self-taught software expertise to bring analytical rigour and product-oriented thinking to every project. Passionate about building polished, performant, and scalable digital products.

TECHNICAL SKILLS

Languages	Dart, Python, TypeScript, JavaScript, HTML5, CSS3, SQL
Mobile	Flutter (Riverpod, GoRouter, Dio, Freezed, Firebase), iOS & Android deployment
Backend	Django, Django REST Framework, Celery, Redis, PostgreSQL, REST API design, JWT auth
Frontend	Next.js 16, React 19, Tailwind CSS v4, Framer Motion, shadcn/ui, MDX
DevOps & Tools	Docker, Git, GitHub Actions, CI/CD, Vercel, Render, Cookiecutter-Django
Cloud & Services	Firebase (Auth, Firestore, Crashlytics, FCM), AWS S3, Twilio, Paystack, Google Gemini AI
Other	IoT, AutoCAD, Microsoft Office Suite (Word, Excel), SEO, Agile/Scrum

WORK EXPERIENCE

Software Developer <i>Ataraxis Logistics Services</i>	2025 – Present Lagos, Nigeria
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- Architected and developed a full-stack logistics operations platform using **Django REST Framework**, **Celery**, **PostgreSQL**, and **Docker**, supporting multi-user role-based access (Superuser, Admin, Staff, Customer).
- Built an automated invoice system with PDF generation, barcodes, and QR codes, reducing manual processing time significantly.
- Integrated **Twilio WhatsApp** and email notification pipelines for real-time shipment booking confirmations and status updates.
- Implemented JWT-based authentication with staff management APIs, branch assignment workflows, and comprehensive test coverage using **pytest**.
- Deployed production infrastructure on **Render** with Docker Compose, managing environment configurations for development and production.

Mobile App Developer <i>Regio</i>	2024 – 2025 Remote
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- Developed cross-platform mobile applications using **Flutter** and **Dart**, delivering production-ready apps for iOS and Android.
- Implemented state management with **Riverpod**, navigation with **GoRouter**, and network communication with **Dio** and custom JWT interceptors.
- Integrated social authentication (Google, Apple, Facebook), OTP verification flows, and secure token storage with **Flutter Secure Storage**.
- Built community feed features with paginated streams, hierarchical comment threads, post scheduling, and AI-generated content capabilities.

Operations Logistics & IT Specialist <i>RedStar Plc (Licensee of FedEx)</i>	2020 – 2025 Lagos, Nigeria
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- Managed end-to-end logistics operations including shipment tracking, dispatch coordination, and supply chain optimisation across multiple branches.
- Provided IT support and system administration, troubleshooting hardware/software issues and maintaining operational technology infrastructure.
- Developed internal automation scripts and tools using **Python** to streamline data processing, reporting, and operational workflows.
- Collaborated with cross-functional teams to digitise manual processes, improving operational efficiency and reducing processing errors.
- Gained deep domain expertise in logistics, courier operations, and enterprise IT systems — directly informing the architecture of logistics software projects.

KEY PROJECTS

Suppleeny | Flutter, Django, PostgreSQL, Celery, Redis, Paystack, Google Gemini AI

Full-stack e-commerce for the Nigerian market. Designed the system architecture with Flutter mobile client, Django REST API backend, Celery-powered background tasks, Paystack payment integration, and AI-driven engagement engine. Features multi-tenant brand dashboards, anti-fraud systems, and real-time push notifications via FCM/SendGrid/WhatsApp.

Timeline | Flutter, Dart, Riverpod, Firebase, Firestore

Time management mobile app featuring a unique visual timeline paradigm. Built with Flutter using Riverpod state management, Firebase Authentication, Firestore persistence, and an AI scheduling coach powered by Google Gemini. Designed responsive layouts for phone and tablet form factors.

Flyrinzo | Flutter, Riverpod, GoRouter, Dio, Django REST Backend

Social media & post-scheduling application with community feed, AI-generated captions/images, multi-platform social account integration, and support ticket system. Implemented JWT-based auth, social logins (Google, Apple, Facebook), and real-time community engagement features.

NHS Operations Tool | Python, Google Sheets API, PDF Parsing

Built a custom automation tool for processing NHS trust data, including Google Sheets integration, PDF document extraction, and data sanitisation pipelines for healthcare operations support.

Trac Pilot | React, TypeScript, Tailwind CSS, Chrome Extension MV3, Supabase, Gemini AI

Developed an AI-powered Chrome Extension job application copilot integrating with NHS Trac and NHS Scotland job portals. Features automated job description extraction from tabs, CV-to-form matching and autofilling, and edge-function generation of AI supporting statements using Google Gemini. Includes Polar subscription integrations and usage limits.

Ataraxis | React / Next.js, TypeScript

Companion web application for the Ataraxis logistics backend, providing a responsive dashboard for shipment management, invoice generation, and operational analytics. Synced with google sheet for shipment repository

WemPrint | Django, Celery, Docker, PostgreSQL

First startup project — a full-stack printing services platform built with Django, featuring user authentication, order management, Celery task queues, and Docker-based deployment.

EDUCATION

B.Eng Mechanical Engineering (Second Class Upper) <i>Federal University of Ekiti, Ekiti State, Nigeria</i>	2021 – 2026
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West African Examination Certificate (WAEC) <i>Peace Gate College (Science Academy), Ijoko, Ogun State</i>	2008 – 2014
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ADDITIONAL INFORMATION

Languages English (Native)
Interests Table Tennis, Travelling, Reading, Singing
References Available upon request