ANTHONY OLASUNKANMI OGUNLEYE

Full-Stack Developer

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LinkedIn | GitHub |

PROFESSIONAL SUMMARY

Full-stack software engineer with over four years of experience building production web, mobile and backend systems, with a growing focus on applied AI. Integrates large language models (OpenAI API) into real products, builds Python-based AI tools including an offline speech-recognition and natural-language system, and ships reliable services with Node.js, TypeScript, Python (FastAPI), PostgreSQL and MongoDB. Integrated payment, POS and delivery services (Moniepoint, Moniebook POS, Chowdeck) for enterprise and retail clients including Flour Mills of Nigeria, and delivered automation that enabled 5,000+ WhatsApp orders a month, saving 600 hours of manual processing. Owns features end to end, from data models and APIs to deployment with Docker and CI/CD, and learns new tools fast.

TECHNICAL SKILLS

AI & Machine Learning: LLM integration (OpenAI API), prompt design, AI chat assistants, speech recognition (Vosk), natural language processing, AI-driven automation

Languages: TypeScript, JavaScript (ES6+), Python, SQL, Rust

Backend: Node.js, Express.js, FastAPI, REST API design, JWT authentication, rate limiting, input validation (Zod)

Frontend & Mobile: React, Next.js, React Native (Expo), Redux Toolkit, Zustand, Electron, Material UI, Tailwind CSS, HTML5, CSS3

Data: PostgreSQL, MongoDB (Mongoose), Prisma ORM, SQLAlchemy

DevOps & Cloud: Docker, CI/CD pipelines, Postman, Git, GitHub, AWS, Microsoft Azure, Vercel

Payments & Integrations: Moniepoint, Moniebook POS, Paystack, Chowdeck delivery API, Twilio WhatsApp API, Cloudinary

WORK EXPERIENCE

Application Developer (Contract)

Sage Grey Technologies Limited | Lagos, Nigeria (Remote)

- Developed a cross-platform mobile application for the Splitmulti platform, serving both vendor and customer marketplaces.
- Launched mobile features that streamlined vendor sales and customer purchasing, helping grow users from 20 to 80, a 300% increase.

Backend & Automation Developer

Chamuze

- Designed and built Project Legacy, a WhatsApp chatbot for FMCG retail ordering and customer engagement, with a Node.js and Express backend and a MongoDB database.
- Integrated the Twilio WhatsApp API for real-time messaging and secure OTP delivery.
- Integrated Chowdeck's delivery service into the chatbot, so orders placed on WhatsApp were dispatched and delivered automatically, improving Chamuze's delivery rate.
- Worked closely with Moniepoint's technical team to connect Chamuze's inventory to multiple POS terminals, so items loaded and sales made on each terminal were recorded in Chamuze's Moniepoint business account.
- Tested endpoints and payment integrations with Postman, and joined technical meetings with Moniepoint to improve the services delivered to Chamuze.
- Containerised services with Docker and used CI/CD pipelines to ship updates.
- Enabled 5,000+ WhatsApp orders a month for a customer base of 60,000+, saving about 600 hours of manual order processing.

Backend Developer

Redot

- Built the Flour Mills of Nigeria (FMN) Tuckshop Portal, a staff storefront and admin dashboard for selling FMN products to employees at discounted rates, using PostgreSQL (live at fmn-tuckshop-portal.loadbundle.com.ng).
- Integrated Moniepoint for online payment collection on the portal.
- Integrated Moniebook POS so that a "Pay with POS" option on the portal sends the payment request directly to a POS terminal, letting staff complete payment by card at the terminal.
- Developed and maintained the backend for Maxystuff.

Backend Developer (Freelance)
Self-employed | Remote

- Developed and maintained responsive web and mobile applications across the full stack for 25 clients.
- Translated client requirements into deployed software, independently identifying and fixing problems in production.

Full Stack Developer (Intern)
Kinplus Technology

- Built the frontend for SalonConnect, a salon services platform, with React, TypeScript, Redux Toolkit, Formik and Yup, Material UI and Tailwind CSS.
- Built a service booking mobile app in React Native (Expo) and TypeScript, with Zustand state management, for browsing service providers and booking appointments.

Frontend Developer (Trainee)
Ekiti State Digital Skilling Academy – Tech4Dev & Meta

- Built responsive, user-centred websites with HTML, CSS, Tailwind CSS and React, focusing on usability and performance.
- Collaborated in a cross-functional team to deliver the Real Estate Web App capstone project.

AI & SOFTWARE PROJECTS

ScriptureSense – AI Sermon Assistant | Python, Vosk speech recognition, NLP

- Built an offline AI tool that transcribes live sermon audio with a speech-recognition model, detects Bible references in the transcript and displays them automatically in church presentation software.
- Designed it to run fully offline, so it works in venues without reliable internet.

Web Dashboard Virtual Assistant | React, Express, MongoDB, OpenAI API

- Integrated an OpenAI large language model to power an in-app chat assistant, with JWT authentication and refresh tokens.

Sandwich Award Platform | React, Node.js, Express, MongoDB, Paystack

- Built a full-stack voting platform with 708 registered students and 45 nominees, processing 600 paid votes through Paystack, secured with JWT, rate limiting and audit logs.

SmartChurch CAMS | Next.js, TypeScript, Express, PostgreSQL, Prisma

- Built a QR-code attendance platform with 420 registered members, with a typed Express API, JWT authentication and Zod validation.

OPEN SOURCE

- **Contributor,** Testrack: an open-source web app that helps Web3 testers track testnet participation, deadlines and faucets across multiple blockchains.

EDUCATION

B.Sc. (Ed.) Computer Science Education 2021 – 2025
Ekiti State University, Ado-Ekiti

- GPA: 3.9 / 5.0
- Award of Excellence in Academics, Sandwich Students' Welfare Association (2023)

CERTIFICATIONS

- Frontend Development – Ekiti State Digital Skilling Academy (Tech4Dev & Meta), 2024
- Certificate of Internship – Zidio Development, 2024
- Programming with JavaScript – Meta / Coursera, 2023

LEADERSHIP

- **Student Union Governor**, Ekiti State (01/2025 – 12/2025)
- **Team Lead**, Ekiti State Digital Skilling Academy (02/2023 – 08/2023): directed project initiatives and coordinated school visits for the capstone project