

SANUSI EMMANUEL FEMI

Full-Stack Developer & Automation Specialist

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with 4–5 years of experience building production-grade web applications, AI-powered tools, blockchain integrations, and automation systems. Delivered 10+ real-world projects across e-commerce, fintech, Web3, and SaaS using Python, Django, React, TypeScript, and Node.js. Proven ability to diagnose complex bugs, integrate third-party APIs, and ship clean, scalable solutions on time. Open to remote freelance work and full-time engineering roles.

TECHNICAL SKILLS

Languages: Python • JavaScript • TypeScript • PHP • HTML5 • CSS3

Frameworks: Django • React • Next.js • Flask • Vite • Tailwind CSS • Bootstrap • Node.js

ML & Data: XGBoost • Scikit-learn • Pandas • NumPy • Streamlit • Jupyter

Databases: PostgreSQL • MySQL • SQLite • Supabase • Prisma ORM

Tools & Tech: Git & GitHub • REST APIs • WhatsApp Business API • Hedera SDK • Web3 • JWT

Platforms: Shopify • Vercel • GoHighLevel • OpenAI API

WORK EXPERIENCE

Software Development Intern — Lillys Global Visa Services *Apr 2025 – Oct 2025*

- Built and deployed a production-grade WhatsApp visa consultation chatbot serving international clients 24/7
- Automated internal documentation workflows and admin tools, reducing manual workload significantly
- Worked on debugging, system optimization, and iterative feature improvements

Freelance Full-Stack Developer — De Crown Tech (Self-Employed) *2022 – Present | Remote*

- Delivered 10+ production web applications, automation scripts, and AI-powered tools for clients globally
- Built projects spanning e-commerce, blockchain, community platforms, and real-time systems
- Debugged and resolved critical live issues on client Shopify stores including race conditions and cart bugs
- Integrated third-party APIs including Google Sheets, WhatsApp Business API, Hedera SDK, and OpenAI

KEY PROJECTS

CRM Dashboard (Admin + Staff) — Ajetunmobi Prospect (2026) *Next.js • Prisma • SQLite*

- Built a Next.js App Router CRM-style dashboard with separate admin and staff portals for managing client records and workflows
- Designed an auto-reminder notification system dispatching email and in-app alerts to staff and admins
- Architected the data layer with Prisma ORM over SQLite for reliable, type-safe queries
- Planned cron-based automation for scheduled reminders and recurring admin tasks

HR Employee Attrition Predictor (2026) *Python • XGBoost • Scikit-learn • Streamlit*

- Built a complete end-to-end ML pipeline to predict employee attrition risk using the IBM HR Analytics dataset from Kaggle
- Performed full EDA, feature engineering (encoding, 3 engineered features), and trained an XGBoost classifier with class imbalance handling
- Optimised with GridSearchCV (5-fold, recall-scored), improving AUC-ROC from 0.76 to 0.78 and recall from 40% to 51%
- Deployed as a live Streamlit web app with full input form, real-time predictions, and HR action recommendations

Live: [hr-attrition-predictorr.streamlit.app](#)

AI Consular Bot (In Progress) *React • Vite • Node.js*

- Currently building a real-time video-style AI consular bot with animated avatar and live spoken interaction
- Synchronizing audio and visual feedback for a natural face-to-face conversational experience
- Designed to assist users with consular and visa-related inquiries through an AI-powered interface

AgroFresh — Hedera Blockchain dApp (2025) *React • TypeScript • Tailwind CSS • Hedera SDK*

- Built full Web3 application with Hedera Network integration for organic farm produce platform
- Designed secure REST APIs for HBAR transfers, wallet management, and smart contract interaction

Live: hedera-app-mu.vercel.app

Visa Information Chatbot (2025) *Python • Flask/Django • WhatsApp Business API*

- Built 24/7 automated visa consultation chatbot serving international clients with real-time responses
- Integrated multi-country visa rules and drastically reduced client response time

Knotwtr — Shopify E-Commerce Store (2026) *Shopify • Liquid • JavaScript • CSS*

- Built a complete Shopify e-commerce store from scratch for a fashion brand (knotwtr.com)
- Developed custom theme with product catalogue, cart, and checkout optimized for conversion
- Diagnosed and resolved a critical cart race condition bug using optimistic UI and debounced syncing

BankJoint — Banking Community Landing Page (2026) *React • JavaScript • Vercel*

- Designed and built a professional landing page for a Nigerian banking professionals community

Live: bankjoint.vercel.app

Elite Gymnastics — Business Website (2026) *React • Vite • Vercel*

- Designed and built full business website with booking CTA, programs, gallery, and contact sections

Live: elite-gymnastics-launch.vercel.app

Fashion Drop Landing Page (2025) *HTML • CSS • Vanilla JavaScript • Google Sheets API*

- Built timezone-aware live countdown, phone signups saving to Google Sheets, and auto state-switching
- Zero frameworks — lightweight, fast, and fully functional

Earth Harvest — E-Commerce Platform (2025) *React • TypeScript • Supabase*

- Full-stack agricultural marketplace with product catalogue, cart, checkout, and real-time database
- Implemented secure Supabase authentication and modern responsive UI

EDUCATION

B.Sc. Computer Science (In Progress) — University of Ibadan *Expected 2026*

ADDITIONAL INFORMATION

Languages: English (Fluent) • Yoruba (Fluent) • Korean (Conversational) • Spanish (Conversational) • Italian (Conversational) • German (Conversational)

Interests: Open-source development • Blockchain • AI & Automation • Tech communities • Building scalable solutions