

Joshua Jimmy

No.18 Adeyinka Adebaya Street, Apo Zone D, Abuja, Nigeria

☎ +2348038660259 | ✉ jimmy4carter@gmail.com | 🌐 <https://www.linkedin.com/in/jimmyjoshua>

Full-Stack Engineer | DevOps & AI Specialist | Web3 Developer

Versatile and results-driven Full-Stack Engineer with 5+ years of experience designing and deploying scalable web, mobile, and desktop applications. Expert in integrating modern software tools with robust IT infrastructure— including on-premises networks, cloud platforms, and embedded systems. Proficient in Python (Django, FastAPI), JavaScript (React), Dart (Flutter), and SQL, with hands-on DevOps experience (Docker, AWS, CI/CD). Adept at system design, performance optimization, and automation using AI-driven tools such as GitHub Copilot and ChatGPT API.

Background spans education, healthcare, and hospitality industries. Proven ability to deliver reliable solutions for high-impact environments like offline exam engines, telehealth platforms, and real-time hotel management systems. Adept at building scalable web applications and managing complete development lifecycles. Skilled in developing multi-feature dashboards, secure user portals, and robust backend systems using modern tools and frameworks. Combines deep technical knowledge with hands-on experience in IT support, networking, and system security. Currently expanding expertise in AI/ML and decentralized Web3 technologies.

TECHNICAL SKILLS

Core Development

- **Languages:** Python (Django, FastAPI, Lambda), JavaScript (React, Node.js), Dart (Flutter), PHP, SQL, Java/C# (OOP)
- **Frameworks:** Django, Flutter, React(Basics), Node.js, WordPress, .NET (POS/Accounting), JavaFX
- **APIs & Architecture:** RESTful APIs, WebSockets, Microservices, Monolithic Design
- **Databases:** MySQL, PostgreSQL, Firebase, SQLite
- **Testing:** Unit/Integration Testing, AI-Powered Test Suites (Testim.io), Selenium

DevOps & Cloud

- **Cloud:** Basics-AWS (EC2, S3, Lambda, RDS), DigitalOcean, Firebase

- CI/CD: GitHub Actions, Jenkins, Dockerized Deployments
- Infrastructure: Nginx, PM2, Load Balancing, Cron Automation

AI/ML Integration

- Tools: GitHub Copilot, ChatGPT API, AutoDocstring, LangChain, TensorFlow (Basic)
- Automation: AI-Generated Documentation (Mintlify), Log Analysis (Splunk AI), Anomaly Detection
- Cloud AI: AWS SageMaker, Hugging Face, OpenAI API

IT Infrastructure & Hardware

- Networking: LAN/WAN Setup, Router/Switch Config, IP Surveillance (CCTV/DVR)
- Hardware: PC Assembly/Repair, RAID/NAS, Data Backup Solutions
- Multimedia: Video Editing (Premiere Pro, DaVinci Resolve), SEO/Marketing
- Web3 (Currently Learning)
- Smart Contracts (Solidity), IPFS, Ethereum, Polkadot

SOFT SKILLS

- Critical Thinking & Troubleshooting
- Team Collaboration & Mentoring
- Agile Project Management
- Fast Learner & Cross-Disciplinary Problem Solver

Other Skills

SEO, Adobe Premiere Pro, Canva, Smart Contract Dev (Solidity), Hardware Repair, Backup Automation

PROFESSIONAL EXPERIENCE

AI-Augmented Full-Stack Developer | Freelance & Contract Roles | 2020-Present

- AI-Optimized Development: Reduced coding time by over 35% using GitHub Copilot for Django/Flutter boilerplate. Automated 50% of documentation via LLMs (Mintlify, AutoDocstring).
- Intelligent Systems: Deployed AI-driven test suites for Flutter apps (92% test coverage). Built NLP chatbots (Dialogflow + GPT-3.5) for hotel bookings, handling 40% of queries.
- Process Automation: Cron-based backups (AWS S3) for SMEs, cutting data loss risks by 70%.
- Implemented chatbots (GPT-3.5 + Dialogflow) to automate 40% of customer support for hotel systems.

Project Manager & Lead Developer | Christ High School, Uke | 2021 - Present

School Management System (christhighschool.org):

- Offline-First Exam Engine: Randomized questions, screen lock, and sync-on-reconnect for remote areas.
- Multi-Tenant Architecture: Subdomains for admin, staff, and student portals with real-time analytics.
- Paystack Integration: Automated fee processing with Django backend.
- A comprehensive learning platform featuring study materials (assignments, notes, textbooks) grouped by subjects and class.
- IT Infrastructure: Upgraded lab systems, deployed CCTV with mobile monitoring, and trained staff on troubleshooting.
- A cross platform mobile App that interface the functionality of the website and more.

Software Engineering Intern | Bizmarrow Technologies | 2019

- Developed 2 WordPress sites with SEO optimization and security patches.
- Mentored 8+ trainees in Python/JS/HTML/CSS, improving team productivity by 40%.

IT Support Intern | American University of Nigeria | 2015 - 2016

- Maintained 200+ devices, provided support for LAN setup, and data entry.
- Automated registration workflows; resolved 300+ IT support tickets and client registrations.

NOTABLE PROJECTS

GraceDay Inn Hotel Suite (gracedayinn.com)

Tech Stack: Django, Flutter, PostgreSQL

Key Features:

- ◆ Booking System: Real-time room availability, PDF receipts, and staff dashboards.
- ◆ CCTV Integration: Live feeds embedded in admin panel for security monitoring.
- ◆ POS System: .NET desktop app with barcode scanning and fraud detection.
- ◆ Automated emailing system
- ◆ Embedd CCTV live feed and backup acces in admin dashboard

Tongsen Physiotherapy Clinic (tongsenphysio.com)

Tech Stack: Flutter, HIPAA-compliant APIs, Firebase

Key Features:

- ◆ EMR System: Patient records, appointment scheduling, and treatment tracking.
- ◆ Telehealth App: Secure video consultations and prescription management.
- ◆ Accounting and payment systems.
- ◆ Installation of network infrastructure and hardware.

Christ High School (website and mobile App)

Tech Stack: Django, Flutter, MySQL

Key Features:

- ◆ Offline CBT Engine: Syncs answers post-exam with conflict resolution.
- ◆ RESTful API Integration: JWT authentication, Django backend.

Web3 & AI Experiments

- ◆ Smart Contract Prototypes: Solidity-based token systems.
- ◆ AI-Powered Debugging: Custom scripts for error log analysis.

EDUCATION

BSc, Computer Science – Veritas University Abuja (2018–2020)

National Diploma, Computer Science – Federal Polytechnic Mubi (2014–2016)

Interests & Continuous Learning

- Web Technologies: React, Tailwind CSS, Next.js
- AI Tools: Prompt engineering, OpenAI API integration
- Blockchain/Web3: Smart contracts (Solidity basics), Ethereum dApp structures, Metamask integration
- UI/UX: Improving interface aesthetics, user flows, responsive layouts
- DevOps Deep Dive: CI/CD pipelines, Kubernetes, log monitoring
- AWS Cloud Practitioner Certification (In Progress)
- IoT, Tech Reviews, Open-Source Contributions