GODWIN EDWARD

AI Operations Specialist | Python Automation | LLM Systems

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PROFESSIONAL PROFILE

AI Operations and Automation Specialist with strong hands-on experience designing, deploying, and operating AI-driven systems in real-world environments. Graduate of Artificial Intelligence with proven ability to replace manual workflows using Python automation, Large Language Models (LLMs), and modern AI tooling such as Cursor and Windsurf. Experienced in end-to-end ownership of AI solutions from problem definition and system design to deployment, monitoring, and optimization.

CORE COMPETENCIES

- AI Operations & Workflow Automation
- Python Automation & Backend Systems
- Large Language Models (LLMs) & Prompt Engineering
- Speech-to-Text Systems (Whisper)
- Generative AI Systems (Production Use)
- Cursor & Windsurf Automation Tooling
- Web Technologies (HTML, CSS, JavaScript)
- API Integration & System Deployment
- Problem Solving & Independent Execution
- Security-Aware System Design

PROFESSIONAL EXPERIENCE

AI & Automation Engineer (Independent / Project-Based)
2024 – Present

- Designed and deployed an AI-powered automation system integrating frontend interfaces (HTML, CSS, JavaScript) with a backend hosted on Hugging Face.
- Implemented speech-to-text transcription using the Whisper model for real-world usage, focusing on reliability, latency, and operational efficiency.
- Built Python-based automation workflows leveraging LLM APIs for data processing and intelligent task execution.
- Used Cursor and Windsurf to accelerate development, automate repetitive workflows, and improve system iteration speed.
- Owned systems end-to-end, including deployment, testing, debugging, and optimization.

Website Administrator (Remote)
Ministry of Skills Acquisition & Entrepreneurship Development, Sokoto State
Oct 2025 – Present
- Developed and maintained scalable, production-ready websites supporting government operations.
- Implemented system updates, security hardening, and uptime monitoring.
- Delivered improvements aligned with operational needs and user feedback.

Website Administrator (Remote)
Zannah Reporters, Nigeria
Oct 2025 – Present
- Built and managed a high-traffic media website with a focus on reliability and performance.
- Ensured system availability, updates, and security compliance.

Website Administrator (Remote)
Civil Alliance for Climate Protection and Education (CACPE), Nigeria
Feb 2025 – Present
- Delivered and operated a fully functional website supporting NGO operations.
- Managed continuous improvements, deployments, and system maintenance.

Assistant Manager
Yumtech Innovatives, Nigeria
Mar 2021 – Aug 2024
- Oversaw daily operational workflows and system reliability.
- Trained and supervised staff, delegated technical tasks, and ensured service continuity.
- Managed OS updates, antivirus systems, and network monitoring.

Cybersecurity & Digital Forensics Intern (Remote)
Cyber Secured India (CSI)
Sep 2024 – Nov 2024
- Conducted network scanning and web application vulnerability assessments.
- Performed penetration testing and forensic analysis using industry tools.

Cybersecurity Intern (Remote)
Prodigy InfoTech, India
May 2025
- Built Python-based security tools including encryption utilities and packet sniffers.
- Assisted with network monitoring, vulnerability assessments, and log analysis.

PROJECTS
- **AI Speech-to-Text Automation Platform** – Built and deployed a production-ready transcription system using Whisper and LLM workflows. https://godwin015.github.io/speech_to_text_transcription/
- **School Payment Portal with QR Verification** – Automated payment verification using web technologies and backend logic. https://school-payment-portal.onrender.com/
- **Government & NGO Web Platforms** – Designed, deployed, and operated scalable websites for public-sector and nonprofit organizations. https://msaedsokoto.org/ , https://zannahreporters.org/ , https://www.cacpeafrica.org/
- **Python Automation & Security Tooling** – Developed multiple Python-based automation and security tools. https://github.com/Godwin015

EDUCATION
Higher National Diploma (HND), Artificial Intelligence Technology
Abdu Gusau Polytechnic, Zamfara State, Nigeria
2023 – 2025

National Diploma (ND), Computer Science
Abdu Gusau Polytechnic, Zamfara State, Nigeria
2020 – 2022

CERTIFICATIONS & TRAINING
- Cybersecurity & Digital Forensics Internship – Cyber Secured India
- Cybersecurity Internship – Prodigy InfoTech
- Blockchain Technology – NITDA / BSV Academy
- Introduction to Cybersecurity – Halogen Academy
- Ethical Hacking (Introductory) – Halogen Academy

AVAILABILITY

Open to full-time remote roles and contract-based engagements.

Referees available upon request.