

Israel Afolabi

AI Automation Engineer

Lagos, Nigeria | +234 813 946 4398 | afolabiisraelolajide@gmail.com

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

I am an AI Automation Engineer who helps organizations do more with less manual effort. I help map business processes and run automation audits to find where work is repetitive, slow, or error-prone, then decides whether to automate, redesign, or remove the process before building. I also design and ship AI-powered workflows and system integrations across n8n, Make.com, and Google Apps Script, connecting SaaS platforms through REST APIs and webhooks to automate reporting, data flow, communication, and customer operations. I combines LLM/RAG engineering and AI agents with a strong data and business intelligence foundation (Power BI, SQL, Python). Focused on leverage and measurable outcomes — fewer manual steps, faster workflows, fewer errors, and more team capacity.

KEY ACHIEVEMENTS

- Designed and built automation systems end to end, from RAG chatbots and a PDF knowledge assistant to invoicing, lead generation, voice agents and appointment booking, mostly with n8n, Python, and Google Apps Script.
- Built a full email marketing system that captures leads, follows up and nurtures them on its own, and sends newsletters on schedule, so outreach keeps running without anyone sending emails by hand.
- Connected large language models (OpenAI, Gemini, Claude) and vector databases to everyday business tools with APIs and webhooks, so the AI can pull real data and take action, not just answer questions.
- Mentored 200+ people and helped them build and launch their own AI tools, from customer chatbots to voice agents and content automations.

TECHNICAL SKILLS

AI & LLMs: Generative AI, LLMs (OpenAI, Google Gemini, Claude), AI Agents, Agentic Workflows, Prompt & Context Engineering, RAG, Embeddings, AI Chatbots

Automation: n8n, Google Apps Script, Make.com, Workflow Orchestration, Event-Driven & Scheduled Workflows, Multi-Step & Conditional Workflows, Webhooks

Engineering & Process: Workflow Mapping, Automation Audits, Process Improvement, System Monitoring, Troubleshooting, Technical Documentation

APIs & Integration: REST APIs, HTTP, JSON, OAuth, API Keys, SaaS & Third-Party Integrations, Data Synchronization

Programming: Python (Pandas, NumPy, LangChain, Streamlit, PyPDF2), JavaScript, TypeScript, SQL

Databases: PostgreSQL, MySQL, SQL Server, Supabase; Vector Databases (FAISS, ChromaDB, Pinecone)

Data & BI: Power BI, DAX, Power Query, Excel, SPSS, Dashboards & Reporting Automation

Tools & Platforms: Docker, GitHub, Render, Google Workspace, Microsoft 365; Telegram, Slack & WhatsApp integrations

PROFESSIONAL EXPERIENCE

EasyTech (Easy Technologies & Solutions)

Remote

AI Automation Specialist

2023 – Present

- Map business processes and run automation audits to pinpoint repetitive, manual work, then design end-to-end n8n, Make.com, and Google Apps Script workflows that eliminate it.
- Build AI-powered workflows and agents — integrating LLMs (OpenAI, Google Gemini, Claude), RAG, and vector databases with SaaS tools via REST APIs and webhooks — to automate customer support, lead generation, content, and communication.
- Enabled 200+ people to build real AI automation projects, including customer chatbots, AI voice agents, and automated content systems.
- Document workflows and monitor live automations, troubleshooting failures to keep integrations reliable and data flowing accurately across systems.

Euro Mega Atlantic Nig. Ltd

Lagos, Nigeria

Business Intelligence Analyst

Feb 2024 – Dec 2024

- Automated recurring reporting and metric-validation processes by building structured data workflows, reducing manual effort and improving the consistency of daily operational reporting.
- Designed and maintained Power BI dashboards using DAX and Power Query to give stakeholders real-time visibility into operational performance and support data-driven decisions.

- Engineered SQL-based data transformation and cleaning routines to standardize inputs across sources, improving reporting reliability and turnaround time.
- Translated business requirements into repeatable technical workflows, applying systems thinking to identify and remove repetitive, error-prone manual steps.

New Globe / Eko Excel

Lagos, Nigeria

IT Operations Associate

Oct 2023 – Feb 2024

- Monitored and troubleshoot technology-enabled operations, resolving system and workflow issues to minimize downtime for field and back-office teams.
- Supported operational systems and documented recurring fixes, applying a structured, methodical approach to improve system reliability.

Lumi Data Solutions

Remote

Data Analytics Intern

Virtual · 6 months

- Completed a project-based internship analyzing datasets with SQL, Python (Pandas, NumPy), and Excel, and building dashboards and reports to communicate insights.

SELECTED AI AUTOMATION PROJECTS

AI-Powered Customer Support Chatbot — *n8n, LLMs, RAG, Vector Database (Pinecone/Supabase), REST APIs*

- Designed and built a RAG-based chatbot that answers customer questions from a knowledge base, orchestrating LLM calls, vector retrieval, and API integrations through n8n to automate first-line support.

Read Smart AI — **AI PDF & Knowledge Assistant** — *Python, Streamlit, LangChain, Google Gemini, FAISS, PyPDF2*

- Built a document question-answering application that parses PDFs, generates embeddings, and retrieves relevant context to deliver grounded AI answers over user-supplied documents.

Automated Invoice & Payment Workflow — *Google Apps Script, Google Workspace APIs, Webhooks*

- Automated form-triggered invoice generation, personalized customer email with attachments, and payment-related notifications, removing manual steps from the billing communication process.

Lead Generation & Follow-Up Automation — *n8n, Webhooks, REST APIs, CRM-style workflow*

- Designed an event-driven workflow to capture and qualify leads, sync data across platforms, and trigger automated follow-up communication.

Automated Calendar Booking System — *n8n, Telegram, Google Calendar API*

- Built a conversational booking workflow connecting Telegram to Google Calendar via n8n to automate appointment scheduling and confirmations.

Additional builds: AI Voice Agent, Automated Social Media Content Engine, AI Video / YouTube Automation, and AI-Powered Email Automation (Google Apps Script).

EDUCATION

Master of Information Technology (Artificial Intelligence)

Nigeria

MIVA Open University

May 2026 – May 2027

MSc, Statistics

Nigeria

University of Lagos, Akoka

Jan 2025 – Jan 2026

BSc, Mathematics Education

Nigeria

University of Nigeria, Nsukka

2021

CERTIFICATIONS

Certified Data Protection Officer

July 2026

Claude Code — **Anthropic**

June 2026

Career Essentials in Generative AI — **Microsoft & LinkedIn**

May 2025

Google Data Analytics Professional Certificate — **Google**

2023