

OLUWATOBIFREDRICK OJEABURU

AI Automation Specialist

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PROFESSIONAL SUMMARY

AI Automation Specialist with a B.Sc. (Ed) Economics Education (2:1) and TRCN teaching certification, building AI agents, automation workflows, and data systems that solve real business problems. Designed and deployed 5 projects across education, fintech, and cloud security, including multi-agent content generators, n8n + Gemini automation suites, and agentic risk-intelligence pipelines. Combines analytical rigour, clear communication, and hands-on Python, LLM engineering, and AWS skills.

CORE SKILLS

AI & Automation: n8n, CrewAI, LLM APIs (Gemini, OpenRouter, Groq), prompt engineering, RAG, embeddings, Telegram bots, Google Sheets & Gmail APIs

Programming & Web: Python (Flask, FastAPI, Streamlit), JavaScript, React/Vite, HTMX, HTML/CSS, REST API design, Git & GitHub

Data & Analysis: Excel, pandas, numpy, scikit-learn (TF-IDF, clustering), SQL (SQLite, PostgreSQL), survey analysis

Cloud & DevOps: AWS (S3, Lambda, CloudFront, RDS, ECS, Terraform), Docker, GitHub Actions CI/CD, Linux

Domain: Economics education, curriculum design, market analysis, technical documentation

EDUCATION

B.Sc. (Ed) Economics Education | 2026 Lead City University, Ibadan — Second Class Honours (Upper Division, 2:1)

Secondary Education | 2013 Kings College, Lagos

Primary Education | 2009 Foursquare Foundation School

SELECTED PROJECTS

SmartLesson — AI Lesson Bundle Generator

- Orchestrated a CrewAI multi-agent system (4 agent crews) generating complete lesson bundles for 12 secondary-school subjects.
- Built subject-parameterized tools, auto-generated diagrams (matplotlib), and a step-by-step Streamlit dashboard.
- Delivered multi-format export: Markdown, Word (.docx), and PDF.

Stack: CrewAI, Groq (llama-3.1), Streamlit, matplotlib, python-docx

SkillShift — AI Career Navigator for Nigerian Students

- Designed a Gemini-powered career navigator mapping student curricula to real job demand with verifiable skill badges.
- Developed Community Health Match: an anonymous two-sided market-design matching mechanism with a 7-slide pitch deck.

Stack: n8n, Google Gemini, Canva

AI Automation Suite — TS Academy Programme

- Automated email responder: Gemini classifies inbound mail and drafts context-aware replies with dual CSV + Google Sheets audit log.
- AI meeting-note taker: converts transcripts into structured summaries with key decisions, action items, owners, and deadlines.
- AI social-media content manager: platform-optimised posts for X/LinkedIn/Instagram with content calendar and analytics.
- Smart invoice processor: document-type detection and structured field extraction with confidence scoring.

Stack: n8n, Google Gemini, OpenRouter, Google Sheets API, Flask, Streamlit, Telegram API

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** — Amazon Web Services
 - **TRCN Certified Teacher** — Teachers Registration Council of Nigeria
 - **AI & Automation Specialist** — TS Academy (In Progress)
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ACHIEVEMENTS

- Lead City University Wellness Challenge — 4th Prize Winner (Community Health Match)