

ASHINZE IFECHUKWUDE ANTHONY

Lagos, Nigeria • 07088257023 • ifechukwudeashinze.work@gmail.com • [Github](#) • [LinkedIn](#)

EDUCATION

B.Eng, Electrical & Electronics Engineering

University of Cross River State

Second Class Upper Division

TECHNICAL SKILLS

Languages

Python, SQL, JavaScript, R, MATLAB

AI / ML

TensorFlow, Keras, PyTorch, Scikit-learn, LangChain, LangGraph, CrewAI

Web & Backend

Django, Flask, FastAPI, Node.js/Express, React.js

Data & Databases

PostgreSQL, MySQL, MongoDB, Apache Airflow, Apache Spark, Apache Kafka

Cloud & Tools

AWS, GCP, Azure, Docker, Kubernetes, Git/GitHub, CI/CD (Tekton)

BI & Visualization

Power BI, Tableau, Matplotlib, Seaborn

CERTIFICATIONS

IBM Data Analyst, Data Scientist, Data Engineering, Machine Learning, AI Engineering, Generative AI Engineering & RAG/Agentic AI Specializations

IBM Full Stack Software Developer & Full Stack JavaScript Developer

Microsoft Power BI & Power Platform

Packt FastAPI & Backend Development

Prompt Engineering — Vanderbilt University

Mathematics for Engineers — HKUST

MATLAB Programming — Vanderbilt University

Google IT Support Specialization

PROFILE

AI/ML and Data Engineering professional with hands-on experience across machine learning, generative AI, data engineering, and full-stack development. Skilled in building and deploying production-style systems — from multi-agent RAG pipelines to full-stack web applications — with a strong analytical foundation and a track record of delivering independent, end-to-end technical projects.

PROFESSIONAL EXPERIENCE

Data & AI Engineer (Intern)

Data Science Nigeria | Jun 2025 – Mar 2026 | Yaba, Lagos

- Contributed to the African Voices Project, building and validating multilingual (Igbo, Pidgin, Bambara) NLP datasets for OCR/ASR model training, including web-scraped subtitle processing and POS tagging.
- Conducted audio and text data quality assurance (SNR checks, noise removal, transcript validation) and supported dataset validation for the DKT Honeybot chatbot.
- Managed QA lifecycle for the Equalyz Crowd and Spot On platforms — writing test plans, performing production-grade QA testing, and identifying critical bugs prior to release.

Data Analyst

HNG | Jun 2024 – Oct 2024 | Remote

- Delivered end-to-end analytical projects including a Lagos State flood pattern prediction model, an election analysis report, and a full job-market data analysis capstone.
- Applied predictive modelling, time series analysis, and statistical validation using Python and SQL, communicating findings through structured reports and dashboards.

Electrical Engineer

Powerhouse Electrical Services Enterprise | Feb 2022 – Dec 2022 | Asaba, Delta State

- Supported installation and maintenance of electrical systems, ensuring safety and scalability while coordinating routine diagnostics and maintenance.

SELECTED PROJECTS

DocChat — Multi-Agent RAG System

- Built a multi-agent RAG system with a Research Agent and a Verification Agent that fact-checks generated answers, triggering a self-correction loop on failure. (LangGraph, LangChain, ChromaDB, Hugging Face)

Course Recommender App

- Built a Streamlit app implementing five distinct recommendation engines — content similarity, user-profile modelling, clustering, collaborative filtering, and a TensorFlow neural embedding model.

Social Media Dashboard & Giftlink

- Built full-stack Node.js/Express applications with JWT authentication, bcryptjs password hashing, MongoDB/PostgreSQL persistence, and Docker containerization.

Image Captioning & Deep Learning Portfolio

- Built multimodal vision-language models, CNN classifiers, and object detection/segmentation models (YOLO, UNet) across a portfolio of computer vision projects (TensorFlow, PyTorch, Keras).