

Faruk Ajibade

SOFTWARE ENGINEER | AI ENGINEER

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| <https://github.com/1FarukDev>

PROFESSIONAL SUMMARY

Enthusiastic and fast-learning Data Science student at the Federal University of Agriculture, Abeokuta, eager to contribute to and grow within dynamic teams. Adaptable and solution-oriented, thrives in collaborative environments and is always ready to tackle new challenges

SKILLS

Front End: HTML5 | CSS3 | JavaScript | Typescript | React.js | Next.js

Backend: Python | FastApi | Node.js | Express.js

Database: PostgreSQL | MySQL | MongoDB | FAISS | Pinecone(vector database)

Tools: Git | Github | Figma | Notion

AI: n8n, LangChain, LangGraph, OpenAI (GPT-4), Google Gemini, Hugging Face, RAG, Prompt Engineering, OpenAI Embeddings, Gemini Embeddings, ChromaDB/FAISS

EDUCATION

Federal University of Agriculture, Abeokuta

BSc Data Science

2027

- Relevant modules: Software Engineering, Data computing, Data Engineering, Python and R Programming, Algorithms and Data Structures, Systems Design and Security, Data-Driven Computing, Bid Data Computing, Data story telling

WORK EXPERIENCE

Technique Learning Solutions

Software & Ai Engineer

09/2025 - Current (Remote, UK)

EdTech Platform for PLC, Automation & AC Repair Training

Technologies: Python, NeXtJS, *TypeScript & PostgreSQL*, n8n

- Developed a **two-sided RAG-powered chatbot** to handle company inquiries and seamlessly escalate users to live agents on request, **eliminating reliance on third-party subscriptions** and increasing **direct customer communication by 40%**.
- **Redesigned and rebuilt the company website**, improving performance, usability, and SEO, while creating additional **high-converting marketing pages** to support user acquisition.
- Developed a **token-based referral system** that incentivized existing users to invite new learners, driving organic growth and enabling users to redeem rewards for training registrations.

PROJECTS

[RAG Chatbot with Streamlit](#)

AI Engineer

Developed a Retrieval-Augmented Generation (RAG) chatbot using Streamlit, enabling users to query documents conversationally through an intuitive interface.

- Designed and implemented the full pipeline, integrating document ingestion, vector search, and LLM-powered responses for accurate, context-aware answers.
- Built an interactive front-end with Streamlit, delivering a clean and responsive user experience for real-time AI interactions.
- Engineered the back-end retrieval system using OpenAI embeddings and LangChain, ensuring efficient and scalable document processing.

[Telegram Bot](#)

AI Engineer

Developed an automated Telegram bot designed to handle real-time user interactions and streamline communication workflows.

- Designed and implemented the full bot architecture, integrating message handling, command processing, and automated responses for a seamless user experience.
- Built the back-end with Python, leveraging the Telegram Bot API to manage user requests efficiently and reliably.
- Engineered a scalable and responsive system capable of handling multiple user interactions simultaneously, ensuring consistent performance.