



ADELEKE KEHINDE BOLUWATIFE

AI DEVELOPER, COMPUTER SCIENTIST
AND DATABASE ADMINISTRATOR

PROFILE

AI Developer and Computer Scientist with hands-on experience in artificial intelligence development, prompt engineering, machine learning, and retrieval-augmented generation (RAG) systems. Proficient in Python, database administration, and modern frontend technologies including HTML, CSS, JavaScript, and React. Skilled in building intelligent, data-driven applications and managing structured databases to deliver efficient, scalable solutions.

WORK EXPERIENCE

AWARRI

Data Annotator

NOVEMBER 2025 - JANUARY 2025

- Enhanced dataset reliability, model performance, and overall AI system accuracy through precise and consistent annotations.
- Executed high-quality text and data annotation tasks, including classification, entity recognition, and relevance labeling, in strict accordance with project guidelines.
- Developed and annotated large-scale, labeled datasets to support the training and evaluation of machine learning models.

NIGERIA COMMUNICATIONS AND COMMISSION

AI Developer

MAY 2025 - DECEMBER 2025

- Built AI-driven applications using Python, machine learning, and prompt engineering techniques.
- Designed effective prompts to improve LLM response accuracy and task performance.
- Worked on RAG systems integrating external documents for enhanced AI outputs.

SONET TECHNOLOGY LIMITED

Database Manager / Administrator

APRIL 2022 - JANUARY 2023

- Successfully assisted in the management and optimization of database performance, leading to a 20% improvement in query response times.
- Contributed to the implementation of backup and recovery procedures, ensuring data integrity and availability during system upgrades.

PROJECTS

- Retrieval-Augmented Generation (RAG) System
- Developed a RAG system using Python and prompt engineering techniques.
- Integrated PDF documents as structured knowledge sources.
- Improved accuracy and relevance of AI-generated responses.
- Web Application Projects
- Built responsive user interfaces using HTML, CSS, JavaScript, and React.
- Integrated frontend components with backend logic and databases.
- Database Design & Management Projects
- Designed and managed structured databases for application use cases.
- Implemented efficient data models and optimized queries.

CONTACT

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📍 Mowe, Ogun State, Nigeria

BIODATA

D.O.B : 1st November

Marital Status : Single

Religion : Christian

Language : English, Yoruba, French

EDUCATION

2013 - 2019

FSTC IJEBU IMUSHIN

- West African Examination Council

2020 - 2024

CALEB UNIVERSITY

- Bachelor Degree in Computer Science
- GPA: 4.4/5.0

SKILLS

- Artificial Intelligence Development
- Machine Learning (Supervised & Unsupervised)
- Retrieval-Augmented Generation (RAG) Systems
- Prompt Engineering (LLMs & AI Applications)
- Model Fine-tuning & Evaluation
- Data Preprocessing & Analysis
- Python for AI & Data Science