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## Professional Summary

Entry-level AI Engineer with over a year of experience building and deploying machine learning and deep learning models.

Experienced in NLP, computer vision, and AI-based automation using frameworks such as PyTorch, TensorFlow, and Hugging Face.

Proficient in integrating AI models with APIs and deploying them in cloud environments. Strong grasp of ethical AI, collaboration, and data privacy compliance.

## Education

Ajayi Crowther University, Oyo

B.Sc. in Computer Science (2019 - 2023)

## Professional Experience

Sail Innovation Lab

Dec 2024 – March 2025

Ministry of Special Duties, Lagos - Corp Member

Nov 2023 - Oct 2024

- Contributed to AI-based public sector projects using Python and data automation techniques.
- Designed and supported data pipelines for analytics dashboards.
- Engaged in cross-functional collaboration for AI implementation.

## Superflux International Limited - IT Intern

Jun 2022 - Sep 2022

- Assisted in enterprise IT and compliance operations.
- Supported log monitoring and operational scripting.

## Federal Airports Authority of Nigeria (FAAN) - IT Intern

Jul 2021 - Sep 2021

- Created structured task tracking systems for facility management.
- Performed system health checks and issue resolutions.

## Key Projects

### [GANs] Synthetic Image Generator

- Built GAN using TensorFlow to generate realistic images from curated data.

### [Chatbot] Fine-Tuned GPT-2

- Fine-tuned GPT-2 model using Hugging Face for interactive AI conversations.

### [Recommender] Price Comparison Tool

- Created NLP-powered system to compare and recommend products based on pricing data.

### [Dashboard] Student Score Analyzer

- Streamlit app for interactive analysis of student performance datasets.

## Technical Skills

AI/ML: PyTorch, TensorFlow, Hugging Face, Transformers, GANs, NLP, GPT Fine-tuning

Data Science: Python, SQL, Scikit-learn, Spark, Hadoop, Feature Engineering, Data Cleaning

Deployment: AWS, GCP, Azure, Streamlit, Gradio, Apache Airflow, Talend, CI/CD, API Integration

Visualization: Power BI, Looker, Domo, Matplotlib, Seaborn

GitHub: <https://github.com/dayoxy>

LinkedIn: <https://linkedin.com/in/adedayo-oguntonade>

### Certifications

- Generative AI - Sail Innovation (2024)

- Data Analytics - Udemy (2023)

### Languages

English (Fluent), Yoruba (Fluent)

### Interests

AI Innovation, ML Applications, Automation, Data Storytelling, Open-Source Collaboration

### [RAG Q&A App] Retrieval-Augmented PDF Assistant

- Developed a Streamlit app that allows users to upload PDFs and ask natural language questions.
- Used LangChain, FAISS, and OpenAI GPT-3.5 to retrieve and answer questions based on document content.
- Deployed on Streamlit Cloud and open-sourced on GitHub.
- Stack: Python, LangChain, OpenAI API, FAISS, Streamlit, Unstructured PDF Loader