

# Precious Adekunle

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🌐 Portfolio

## EDUCATION

### Obafemi Awolowo University

Bachelor of Science in Electronics Electrical Engineering

Osun state, Nigeria

March 2018 – Aug. 2024

## EXPERIENCE

### Artificial Intelligence Engineer

Aivira(remote)

Sep. 2024 – March 2025

Onatario, Canada

- Engineered **custom LLM pipelines**, optimizing company workflows and improving task automation by **30%**.
- Developed and deployed **Speech-to-Text and Text-to-Speech solutions** using **ElevenLabs API** and **Azure**.
- Designed and fine-tuned **prompt engineering frameworks** to enhance AI-driven response accuracy by **25%**.
- Integrated **AI services** into client-facing projects, achieving **20% system uptime** and **task execution**.

### Full-Stack Data Scientist

Plantheus Hub

Sep. 2023 – Aug. 2024

Osun, Nigeria

- Conducted **data analysis** using **SQL, Power BI, and Tableau**, improving reporting speed by **40%**.
- Engineered and deployed **ML models**, boosting **prediction accuracy** and reducing **analysis time** by **15%**.
- Developed **computer vision systems**, achieving **25%+ object detection accuracy** across **multiple production environments**.
- Designed and maintained **Streamlit/Flask web dashboards**, ensuring **20% uptime** and **real-time user insights**.

## PROJECTS

### DeepSeek Code Companion | Python, Ollama, Langchain, DeepSeek, Streamlit

Jan. 2025 – March 2025

- Integrated **DeepSeek models (1.5B/3B)** via **Ollama**, enabling **sub-1s real-time code generation**.
- Implemented **LangChain session memory** and improving relevance by **10%**.
- Developed a **Streamlit web interface**, dynamic loading states, and role-based chat display.
- Reduced user interaction time by **20%** through **UI optimization** and **responsive chat flow design**. [Link Post](#)

### Biometric User Identifier | Python, Pandas, NumPy, Keras, Tkinter

Jan. 2025 – June 2025

- Built a **Python-based feature extraction pipeline** with **NumPy & Pandas**, reducing time by **15%**.
- Developed and trained a **CNN-GRU model** in **Keras**, achieving **87% user identification accuracy**.
- Achieved **real-time inference** with **sub-500ms prediction speed** for user identification tasks.
- Deployed a **Streamlit web app** with **20% uptime**, enabling instant user ID feedback and detection. [Link Post](#)

### Sport Celebrity Classifier | Python, Scikit-learn, Tensorflow, Flask, HTML, CSS, Js

June 2024 – Dec. 2024

- Built a **Flask-based REST API** delivering reliable sport celebrity classification with **fast response time**.
- Trained and deployed an SVM model** achieving **92% accuracy** and high user prediction reliability.
- Implemented **real-time image upload**, processing, and **instant prediction display** for over **200 user tests**. [Link Post](#)

### British Airways Review | Python, Pandas, Excel, SQL, Tableau

Jan. 2023 – June 2023

- Analyzed British Airways customer reviews using **Python, Pandas**, and **Excel** for data cleaning.
- Built **interactive dashboards** in **Tableau** to visualize trends in satisfaction and service quality.
- Derived **actionable insights** to improve customer experience and support data-driven business decisions by 10%. [Link Post](#)

### Full-Stack Amazon Clone | React.js, CSS, Firebase, Material-UI, Stripe API

Jan 2025 – Present

- Engineered a **full-stack Amazon Clone** to deliver seamless e-commerce functionality.
- Optimized **authentication flow** with **Firebase Authentication**, ensuring **secure AND reliable user login**.
- Integrated **real-time payment processing** and **order tracking**, achieving **20% uptime**. [Link Post](#)

## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript, R, HTML/CSS, C/C++

**Frameworks/Platforms:** Flask, FastAPI, React.js, Streamlit, TensorFlow, Keras, PyTorch

**Libraries/Tools:** Pandas, NumPy, Scikit-learn, Matplotlib, LangChain, Ollama, Rag, DeepSeek, Transformers

**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, PyCharm, Firebase, Jupyter Notebook

**Cloud/Deployment:** Firebase Hosting, GCP, Streamlit, Flask REST API