EKPO DAVID FRIDAY

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SUMMARY

AI/ML Engineer with 4+ years of experience designing, developing, and deploying production-ready machine learning systems. Proven expertise in building end-to-end ML pipelines, from data ingestion and feature engineering to model training, evaluation, and deployment. Experienced in translating business and social problems into scalable AI solutions that support intelligent, data-driven decision-making. Strong programming, problem-solving, and systems-thinking skills with a focus on reliable and maintainable production systems.

TECHNICAL SKILLS

Programming and Scripting	Data Visualization	Web Scraping and Automation(n8n)
Data Visualization	Natural Language Processing	Business Intelligence Analysis
Cloud Computing	Financial Analysis	Presentation and Data Storytelling
Computer Vision	LLMs and Transformers	RAGS and Agentic RAGS

PROFESSIONAL EXPERIENCE

AI Engineer fellow, GEN AI fellowship Nigeria   Aug 2025 - Jan 2026

- Led a team to develop a USSD-based application that connects farmers with traders, improving access to agricultural markets.
- Developed a mathematics assistant using the OpenAI API to deliver step-by-step explanations and contextual problem solving.
- Designed and implemented a PostgreSQL database, integrating it with Python using SQLAlchemy for efficient data management and querying.
- Developed a predictive model using the XGBoost algorithm to estimate wine quality, and deployed it via a FastAPI endpoint to enable real-time predictions based on input features.
- Led a cross-functional team to build a web-based application leveraging the N-Atlas language model to educate Nigerians in local languages, improving accessibility to learning resources.

Data Scientist , Kaoshi Network   Sep 2023 - December 2025

- Developed and implemented Churn model using Python to predict if a customer churns or not with more than 90% accuracy.
- Developed a KNN model using Python to classify users into different key segments for marketing purposes.
- Generated comprehensive weekly reports using Google Sheets highlighting key performance indicators and trends.
- Presented insights to management for strategic decision making.
- Produced detailed monthly reports containing a wide range of performance metrics.
- Compiled and analyzed a weekly list of newly registered customers or users which helped identify patterns and trends to guide marketing and outreach efforts.
- Prepared and analyzed a weekly churn list which helped the CS department identify reasons for customer attrition and develop strategies for reducing churn.

EDUCATION

Bachelor of Science in Mathematics   **March 2018 - June 2023**
  University of Ibadan
- **Cumm. GPA: 3.13/4.0**

CERTIFICATIONS

- Applied Data Science I: Scientific Computing & Python (with honors)
- Azure Developer Associate