

David Shivulu

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Overview

I am a curious, open-minded, and self-driven ML Engineer, passionate about leveraging AI and automation to optimize processes, enhance decision-making and create impactful solutions across various industries.

Education

University of Eldoret

Bachelor of Science in Computer Science

September 2022 - Present

Skills and Interests

Programming Languages: Python, SQL

Frameworks & Libraries : Pandas, PySpark, Numpy, Matplotlib, Seaborn, Scikit-Learn, Tensorflow, Streamlit, Tkinter, Kivy/KivyMD, Docker, K8, MLRun, Iguazio, AWS, GCP, Airflow, n8n

Other Skills & Interests : Linux, Git, HTML/CSS, MS Office, OS Installation, Logo designing, Gaming, Music Production, Hardware and Software troubleshooting

Work Experience

MLOps Engineer Intern | Safaricom PLC (June 2025 – September 2025)

Built an LLM-powered Feature Engineering Engine to automate feature creation across ML pipelines. Worked on more projects using Iguazio, Docker, Airflow, Apache Doris, PostgreSQL, and AWS to increase my mastery in the tools.

Projects

1. LLM-Powered Feature Engineering Engine

- **Overview:** A Feature Engine leveraging LLMs to automate feature creation and management across ML pipelines.
- **Key Skills:** Python, OpenAI, PostgreSQL, Apache Doris, Docker, Iguazio.
- **Impact:** Reduced manual effort in feature engineering, accelerating ML development cycles in production