Faith Githaiga
Data Scientist

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SUMMARY

Junior Data Scientist aspiring to enter the world of data-driven problem solving. Skilled in Python, SQL, and data visualization, with hands-on experience in data cleaning, exploration, and basic machine learning. I am eager to apply and grow my skills through real-world projects and collaborative opportunities.

SKILLS

- **Programming Languages**: Python, SQL

- **Data Manipulation & Analysis**: Pandas, NumPy

- **Data Visualization**: Matplotlib, Seaborn, Tableau

- **Machine Learning**: Scikit-learn (basic regression & classification models)

- **Data Cleaning & Preprocessing**: Handling missing values, encoding, scaling

- **Exploratory Data Analysis (EDA)**

PROJECTS

Bank Marketing Campaign Analysis

Analyzed a Portuguese bank's marketing data to predict customer subscription to term deposits. Implemented data cleaning, feature engineering, and logistic regression models to improve campaign targeting.

FGithaiga/BANK_MARKETING

Car Price Prediction

Built a regression model to predict used car prices based on key features such as brand, mileage, fuel type, and engine size. Performed EDA, data preprocessing, and model evaluation.

FGithaiga/CAR_PRICE

Fraudulent Job Posting Detection

Built ML models to detect rare fraudulent job postings using SMOTE and class weighting, optimizing for recall and F1-score to enhance user safety.

FGithaiga/FAKE_JOB_POSTING

Hate Speech Detection

Built ML models to detect hate speech, handling class imbalance and optimizing F1-score to enhance online content safety.

FGithaiga/HATE_SPEECH-DETECTION

Global Cyber Attack Trends Analysis

Analyzed global cyber attack trends using Python and data visualization to identify patterns, risks, and inform cybersecurity strategies.

FGithaiga/GLOBAL_CYBER_ATTACK_TRENDS

EXPERIENCE

Junior IT Support Attachee | *[KENAS]*

September | *[Upper Hill]*

Provided technical support and contributed to the maintenance and setup of ICT systems during a paid attachment, gaining hands-on experience in IT infrastructure, user support, and system deployment.

Key Responsibilities:

- Troubleshoot hardware and software issues, providing timely support to end-users.

- Assisted in user onboarding by offering training and guidance on newly installed systems.

- Participated in the monitoring, setup, and preventive maintenance of ICT equipment.

- Helped maintain an accurate inventory of ICT assets and software licenses.

- Supported the coordination and installation of new ICT infrastructure, including:

    - CCTV systems

    - Access control systems

    - PABX telephony

    - Wireless access points

    - Network cabling and infrastructure

- Documented technical processes and maintained up-to-date records for all ICT equipment and systems.

Key Accomplishments:

- Improved user response times by assisting in the rapid resolution of technical issues.

- Contributed to the successful setup and documentation of new ICT systems in a newly commissioned building.

EDUCATION

Zetech University | Bachelor in Software Engineering   **2025**
- Ongoing

Moringa School | Data Science   **February-August 2025**
- Certificate

Zetech University | Diploma in Software Engineering   **2023-2024**
- Distinction
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REFERENCES

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