

Monaheng Mothabeng

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Summary

Computer Science graduate with hands-on experience in **full-stack development**, **data analytics**, and **machine learning**. Skilled in **Python**, **JavaScript**, **Django**, **Node.js**, **SQL**, **PostgreSQL**, **Docker**, **Kafka**. Currently pursuing advanced **Coursera certifications** to enhance technical expertise.

Education

BSc in Computer Science, National University of Lesotho

Oct 2024

Skills

Programming: Python, JavaScript, Java, SQL

Web Dev: Django, Flask, Node.js, HTML, CSS

Databases: PostgreSQL, MySQL

Data & ML: Pandas, NumPy, Scikit-learn

Tools: Docker, Apache Kafka, Git, Linux

Languages: English (Fluent), Sesotho (Fluent), French (Beginner)

Experience

Instructor — Technology Academy, Lesotho

Jul 2025 – Present

- Delivered lessons in **web development**, **programming**, and **IT fundamentals** to 20+ students per session.
- Mentored learners on **real-world projects**, **portfolio creation**, and industry-standard tools.
- Guided students in **application deployment** using Docker, Nginx, and Git.

Projects

Fraud Detection System (2023–2024) - Developed a **real-time USSD fraud detection system** with Apache Kafka and Python, improving detection speed.

Hospital Management System (2024) - Built a **Django + PostgreSQL platform** deployed via Docker/Nginx, streamlining patient record management.

Local Events Platform (2023) - Created an interactive Node.js app to schedule/broadcast events, increasing engagement.

Professional Development

- Indaba X Workshop: Advanced Machine Learning Concepts. - Currently pursuing Coursera Certifications: Python, Machine Learning, Data Analytics.

Interests

- Solving algorithm challenges (**LeetCode**) - Exploring modern web standards (**MDN Web Docs**) - Continuous learning through projects and online courses