

Lewis Karimi

Tel: +254 743656088 Email: lewiskarimi06@gmail.com

<https://github.com/LewisKarimy>

Personal Profile

A motivated and results driven AWS certified cloud practitioner with a solid foundation in data analysis and cloud computing. I am seeking to use my technical expertise in AWS and sales to drive business growth and client satisfaction. Committed to serving as a bridge between clients and the company ensuring that customers' needs are met with tailored AWS solutions.

Work Experience

AWS CLOUD PRACTITIONER TRAINEE - AWS RESTART PROGRAM

May 2024 – August 2024

- **Amazon S3 (Simple Storage Service):** Gained proficiency in setting up and managing S3 buckets, configuring bucket policies, and using S3 for scalable and secure object storage solutions.
- **Amazon RDS (Relational Database Service):** Learned to deploy, manage, and scale relational databases in the cloud. Worked on labs involving database backups, snapshots, and security configurations.
- **Amazon EC2 (Elastic Compute Cloud):** Acquired hands-on experience in launching, configuring, and managing EC2 instances. Practised creating security groups, key pairs, and setting up load balancers for high availability.
- **Projects and Labs:** Designed and Implemented a fully elastic Apache Web Server solution using a VPC, public and private subnets, elastic load balancer, ec2 auto-scaling, Nat- gateway and internet gateway. Configuring the security group to control access to the resources and the Network access control list (NaCl) to control traffic in and out of the VPC and subnets.

DATA ANALYST ATTACHEE – NSSF

JANUARY 2023 – APRIL 2023

- **Automating Revenue Leakage Identification:** Developed and implemented Python scripts to automate the identification of revenue leakages at NSSF Kenya, achieving a 30% reduction in losses within six months. This initiative was recognized by senior management for significantly enhancing financial transparency and accountability.
- **Real-time Analytics:** Designed a real-time fraud detection system using Python automation for NSSF Kenya's M-Pesa contributions. This system led to a 20% decrease in fraudulent transactions, saving the organization millions of shillings in potential losses annually.
- **Leveraging SQL and Power BI for Data Insights:** Utilized advanced SQL techniques to extract and manipulate large datasets from Oracle Database, enabling data-driven decision-making: Created interactive dashboards and visual reports in Power BI, transforming complex data into actionable insights. This capability has driven strategic business initiatives and improved stakeholder engagement through clear data visualization.
- **Automated SSL Certificate Tracking:** Implemented automated SSL certificate tracking for NSSF Kenya's systems, ensuring 100% on-time renewals and uninterrupted service. This proactive approach

contributed to seamless operations and enhanced cybersecurity posture, showcasing strong project management skills.

Education Qualification

GRADUATED: May, 2024 BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

MACHAKOS UNIVERSITY

Technical Skills

PROGRAMMING LANGUAGES.

- Python.
- Bash
- SQL; Relational databases using Oracle.

DATABASES

- MySQL
- Amazon Aurora.
- Amazon Dynamo Db

AWS CLOUD COMPUTING

- Scripting using Linux · Amazon EC2.

Soft Skills

- ❖ Ability to translate complex technical findings to non-technical stakeholders.
- ❖ Strong written and verbal communication for clear reporting and documentation.
- ❖ Problem solving skills to identify and address data related issues.
- ❖ Ability to work collaboratively with cross-functional teams and in a fast-paced dynamic environment.
- ❖ Ability to work under tight timelines and deliver accurate results

Professional Qualifications

➤ CERTIFICATE IN CLOUD AND NETWORK SECURITY

United States International University Africa (Present)

➤ AWS CERTIFIED CLOUD PRACTITIONER

AMAZON WEB SERVICES

➤ CERTIFICATE IN ARTIFICIAL INTELLIGENCE CAREER ESSENTIALS

AFRICAN LEADERSHIP EXPERIENCE(ALX)

References

1.Mr. Thomas Nyururu

AWS Cloud Instructor

0703360107

2. Mr. Raphael Kaibiru

Lecturer, Machakos University
0703344967

3. Mrs. Alice Kamuri
Regional Manager, NSSF Kenya
0721343744