LINDA GITAU

AWS Cloud Computing Case Study

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EXPERIENCE

AWS Cloud Computing Case Study

TalentUp Africa

📅 10/2024 - 10/2024 📍 Virtual

- Completed hands-on labs and real-world AWS projects such as AWS Cloud Quest
- Worked with core AWS services like EC2, S3, and IAM
- Gained experience in cloud problem-solving and system design

IT Support Intern

Kenya Revenue Authority

📅 01/2022 - 12/2022 📍 Nairobi, Kenya

- Resolved 50+ IT issues per week, improving system uptime by 30%
- Assisted with server maintenance, security patching, and software updates
- Configured and maintained workstations, reducing onboarding time by 20%
- Monitored network performance, decreasing downtime incidents by 35%

IT Support Attachee

Kenya Revenue Authority

📅 09/2021 - 11/2021 📍 Nairobi, Kenya

- Handled 30+ IT support requests daily, achieving a 90% first-contact resolution rate
- Managed user accounts, permissions, and system access for security compliance
- Led IT training sessions for staff, reducing repeat issues by 20%
- Assisted with asset management and inventory tracking, improving resource allocation by 25%

EDUCATION

Bachelor of Business and Information Technology (BBIT)

Africa Nazarene University

📅 01/2020 - 01/2023 📍 Nairobi, Kenya

Diploma in Business Administration (DBA)

Africa Nazarene University

📅 01/2017 - 01/2019 📍 Nairobi, Kenya

PROJECTS

Smart Water System

📅 2022 - 2023 📍 Nairobi, Kenya

Technologies: SQL | Web-Based App | LAN | Data Analytics

- Designed a web-based smart water metering system for Kajiado County.
- Built a SQL – powered database for real-time data storage and automated billing.
- Developed LAN-based access to improve system security and scalability.
- Future Plans: I plan to further develop the project using IoT, Embedded Systems, Arduino/ Raspberry Pi, Wireless Sensor Networks, and Cloud Services once I secure the necessary resources. This will enable real-time data collection, remote monitoring, and predictive analytics for better efficiency and scalability.

SUMMARY

AWS Cloud Practitioner | Aspiring AWS Solutions Architect & Cloud Data Engineer AWS Cloud Practitioner with hands-on experience in cloud computing, IT support, and cybersecurity principles. Proficient in AWS services like EC2, S3, IAM, and skilled in troubleshooting, networking, and automation. Passionate about cloud security and data engineering, aiming to leverage cloud technologies for data-driven solutions. Currently advancing skills toward AWS Solutions Architect & Cloud Data Engineer roles.

CERTIFICATION

- **AWS Certified Cloud Practitioner (CLF- C01)**
- **Google UX Design Professional Certificate (Coursera)**
- **Generative AI: The Evolution of Thoughtful Online Search (LinkedIn Learning)**

LANGUAGES

English
Native
●●●●●

Swahili
Native
●●●●●

TECHNICAL & SOFT SKILLS

Alexa	Arduino	AWS	AWS Cloud
AWS Services	Cybersecurity	DNS
EC2	Helpdesk	IAM	IoT	Linux
Predictive Analytics	S3	SQL
Windows Server	Wireframing
Raspberry PI	Gmail	TCP
Problem-Solving	Communication
Troubleshooting	Team Collaboration
Process Improvement

TRAINING / COURSES

- **••AWS Cloud Practitioner Bootcamp (TalentUp Africa, 2024)**
- **•ALX AWS Cloud Computing (ALX Africa, Ongoing)**

INTERESTS

◆ **Cybersecurity & Cloud Security**

◆ **Reading Fictional Books**

◆ **Exploring New Cultures & Travel**

TRAINING / COURSES

• **Google UX Design Specialization (Coursera, 2023)**

• **Generative AI: The Evolution of Thoughtful Online Search (LinkedIn Learning)**

KEY ACHIEVEMENTS

◆ **Earned AWS Cloud Practitioner Certification**
Demonstrated foundational cloud knowledge, positioning yourself for AWS roles.

◆ **Completed Cloud Practitioner Bootcamp**
Gained hands-on experience in AWS through practical labs and real-world projects

◆ **Over 2800+ Hours of IT Support Experience**
Provided technical support at KRA, resolving issues for internal and external clients.

◆ **Developed Smart Water System Project**
Designed a web-based metering system with data analytics for my thesis project.