THABO MAFA

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SUMMARY

Versatile IT professional with hands-on experience in both cloud engineering and software development. AWS Cloud Practitioner certified with practical knowledge of cloud infrastructure and services. Possesses a strong foundation in Linux, networking, and intermediate Python skills, with a demonstrated ability to learn new technologies quickly. Eager to apply my technical and collaborative skills to solve real-world customer problems as a Junior Cloud Field Engineer.

WORK EXPERIENCE

ALX AWS Apprenticeship   **AUG 2023 - MAR 2024**

- Completed an intensive 6-month apprenticeship in cloud computing with AWS, gaining hands-on experience in designing, deploying, and managing scalable cloud solutionsStreamlined project workflows, enhancing overall efficiency by 25%.
- Developed expertise in AWS services (EC2, S3, IAM, VPC), cloud architecture, security, and migration, with a focus on reliability, performance, and security.
- Collaborated on project-based learning, honing skills in problem-solving, communication, and teamwork, and earned the AWS Cloud Practitioner certification.

Freelance IT Support Self-employed   **MAY 2023 - Present**

- Performed systems troubleshooting, including Linux environments, and solved hardware/software issues, demonstrating strong analytical and problem-solving skills.
- Provided support with reinstalling operating systems and setting up networks.

EDUCATION

Bachelor of Science Information Technology (Articulation)   **FEB 2024 - DEC 2025**
Richfield Graduate Institute

- Specialization in Strategic Management

AWS Cloud Computing   **MAY 2023 - MAR 2024**
ALX Africa

- AWS Certified Cloud Practitioner

Information Technology Diploma   **FEB 2018 - Dec 2022**
Vaal University of Technology

- Specialization in Development Software

CERTIFICATES

- AWS Certified Cloud Practitioner
- AI career Essentials (ALX Africa)
- Big data emerging technologies
- What is data science
- Data Science 101
- Data Science tools
- Data analysis with R
- Introduction to Artificial Intelligence (AI)
- CCNA Routing and Switching
- IBM AI foundations for business
- MTN Business App Academy certificate
- ALX Commubity Ambassador
- IT Diploma
- ALX Community Ambassador

SKILLS

- AWS Services: EC2, S3, IAM, VPC, Lambda, CloudFormation
- Cloud architecture and migration(AWS)
- Cloud security and compliance (AWS)
- Programming: Python, Java, C++, HTML, CSS, Java Script
- Agile Methodologies
- Big Data Technologies, Data Analysis with R
- Communication and Collaboration
- Hardware/Software repair
- AI Reasoning and Behavior Modeling
- Data Analysis and Interpretation
- Community engagement