

# SIPHELELE MFUSI

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## PROFESSIONAL SUMMARY

Cloud Computing professional skilled in AWS and Azure, with hands-on experience in networking, security, and cloud labs. Detailed oriented, fast learner, and passionate about digital transformation. Ready to grow into advanced cloud roles and deliver real business impact.

## SKILLS

Microsoft Azure: Virtual Machines, Resource Groups, Storage Accounts  
Cloud Concepts: LaaS, SaaS, PaaS, Shared Responsibility Model  
Network Simulation: Cisco Packet Tracer  
Artificial Intelligence  
Internet Of Things (IoT) Basics  
Microsoft Office Suit (Word, Excel, Outlook) Time  
Team Collaboration

## EXPERIENCE

General Worker, Oscarman Mechanic and Engineering  
(March 2021-Aug 2021)  
Cloud Practitioner Trainee  
(May 2025-Oct 2025)

## EDUCATION

Microsoft Azure International Certification (AZ-900), Digital Youth ICT Academy  
(Oct-2025)  
AWS Academy Graduate, Digital Youth ICT Academy  
(Jul-2025)  
AWS Certified Cloud Practitioner, Digital Youth ICT Academy  
(Jul-2025)  
Artificial Intelligence Fundamentals (IBM), Digital Youth ICT  
Academy (Jun-2025)  
Introduction To Internet of Things, Durban University of Technology  
(Sep-2020)  
Introduction To Packet Tracer, Durban University of Technology  
(Nov-2020)

Grade 12: Umzilikazi Senior Secondary School

*(Nov-2019)*

## **ADDITIONAL TRAINING**

English for IT1 Technical communication and workplace writing

*(Oct-2025)*

English for IT2 Advanced IT terminology and professional correspondence

*(Oct-2025)*

## **TECHNICAL PROJECTS & SIMULATION**

**Azure Cloud Lab Simulation:** Deployed virtual machines with custom configurations, set up storage accounts, and managed resource groups. Monitored usage metrics using Azure Monitor to gain insights into resource performance and cost.

**AI Chatbot Prototype:** Built a basic chatbot using Microsoft Azure Cognitive Services, including LUIS, and QnA maker, to demonstrate natural language processing and conversational AI capabilities.

**Packet Tracer Network Simulation:** Designed and simulated LAN/WAN topologies using Cisco Packet Tracer. Configured IP Addressing, routing protocols, and basic security settings to validate network performance and troubleshoot connectivity.

## **REFERENCES**

References are available upon request