Keokopile Motshidisi Mosia
Junior Data Engineer

SUMMARY

This software engineer boasts hands-on experience in cloud technologies, data analysis, and information security, supported by a BSc in Computer Science. Expert in Microsoft security and AWS cloud services, they have effectively managed projects in cloud computing, setting up and monitoring AWS resources with a focus on automation. With proficiency in cybersecurity principles, identity management, and threat protection, their skill set extends to serverless computing, data visualization, and network security. They demonstrate an advanced command of technical tools including CloudWatch, Power BI, and SQL, showcasing the capability to implement data-driven solutions. Their work experience encompasses providing IT support and deploying cloud solutions, evidencing a strong track record in both the educational and corporate sectors. Holding numerous industry certifications, this engineer embodies a blend of technical acumen and practical experience, making them a standout candidate for roles prioritizing cloud infrastructure and cybersecurity.

TECHNICAL SKILLS

Main Technical Skills	AWS Security Groups (2 yr.), GCE (1 yr.), Data Analysis, FreeBSD
AI & Machine Learning	Neural Networks
Data Analysis and Visualization Technologies	Data Analysis, Data visualization, Power BI
Security	Microsoft Entra (2 yr.)
Databases & Management Systems / ORM	MySQL, SQL
Cloud Platforms, Services & Computing	Hetzner
Amazon Web Services	AWS CloudWatch (1 yr.), AWS Cognito (1 yr.), AWS SAM, AWS Security Groups (2 yr.)
Google Cloud Platform	GCE (1 yr.)
Deployment, CI/CD & Administration	Active Directory

Third Party Tools / IDEs / SDK / Services	Excel
Mail / Network Protocols / Data transfer	firewall, TCP/IP, VLAN
Operating Systems	FreeBSD
Virtualization, Containers and Orchestration	GCE (1 yr.)
Version Control	Github Actions
Soft Skills	Research Skills
Other Technical Skills	AD

WORK EXPERIENCE

Graduate, Application Support

Duration: 1 April 2021 – 31 March 2023

Summary: Participation in the deployment and maintenance of cloud and Microsoft 365 solutions, providing first- and second-line IT support.

Responsibilities: Provided IT support for hardware, software, and network issues; supported cloud and Microsoft 365 deployments; documented IT processes; prepared user guides; promoted cybersecurity awareness.

Technologies: Microsoft 365, Azure Active Directory, Microsoft Entra ID, cybersecurity tools

Data Capture, Business License Application Assistance

Duration: 31 August 2023 – 1 September 2024

Summary: Tasked with creating awareness and aiding businesses in the application process for business licenses.

Responsibilities: Assisting businesses with applications for business licenses.

Technologies: Data management and processing tools

Learnership, Cloud Computing and IT Support

Duration: 14 October 2024 – 13 October 2025

Summary: Involved in cloud computing projects and IT support for students and staff within an academic setting.

Responsibilities: Set up, monitored, and automated AWS resources; provided IT troubleshooting support; introduced low-code/no-code solutions for academy operations.

Technologies: AWS (EC2, S3, IAM, CloudWatch), low-code/no-code platforms

EDUCATION

- **Bachelor of Science (BSc) – Computer Science & Chemistry**
- North West University

CERTIFICATION

- **Microsoft Certified: SC-900 — Security, Compliance, and Identity Fundamentals**
- **Microsoft Certified: SC-300 — Identity and Access Administrator Associate**
- **AWS Certified Cloud Practitioner**
- **CompTIA Network+ (N10-008)**