Mbekezeli Sithole

+447765955527
https://mbekezelisithole.site
mbekezelisithole@duck.com
github.com/mbekesithole
linkedin.com/in/mbekezeli-sithole-923145243

SUMMARY

Proactive IT professional with expertise in cybersecurity, network engineering, and cloud technologies. Skilled in implementing robust security measures using Azure services, troubleshooting complex network issues, and optimizing cloud configurations. Proficient in SIEM implementation, DevOps practices, and cross-functional collaboration. Combines hands-on experience with a strong theoretical foundation in cybersecurity principles to deliver efficient and secure IT solutions.

EDUCATION

BSc Cybersecurity and Information Assurance   Western Governors University (Expected 2025)

CERTIFICATIONS

CCNA
CompTIA Security+
CompTIA A+

PROJECTS

- **Implementing a SOC and Honeynet in Azure**
  Source: https://github.com/mbekesithole/Azure-SOC
  Platforms and technology Used: Azure Virtual Machines, Microsoft Sentinel (SIEM), Log Analytics
  Automated security alerts using KQL queries, reducing threat detection time by 95% in simulated environments.
- **Static website deployed on Azure**
  Source: GitHub - mbekesithole/portfolio_html_css_js
  Platform and technologies used: Azure tools, Github Actions, Azure Functions App, Azure Front Door

WORK EXPERIENCE

Company: Log(N) Pacific   20/03/2024 - Present
Title: Cyber Security Support Engineer (Intern)

- Implemented secure cloud configurations using Azure Private Link, Network Security Groups, Microsoft Defender for Cloud, and Azure Regulatory Compliance for NIST 800-53.
- Maintained Azure Stack environments through Virtual Machine configuration and Azure Monitor optimisation.
- Troubleshoot and support Microsoft Azure services, including Microsoft Sentinel (SIEM), Virtual Machines, Azure Monitor, and Azure Active Directory
- Develop KQL queries to support Log Analytics workspace and Microsoft Sentinel.
- Streamlined network operations by configuring Azure Virtual Networks and NSGs, reducing latency by 18% in internal benchmarks

SKILLS AND TECHNOLOGIES

Routing and switching protocols, Microsoft Office Suite, NSGs, Firewalls, ACLs, Virtual Machines, Virtual Networks, Active Directory, File Permissions, Windows and Linux OS, SIEM, Sentinel.