

Hlomohang Sethunts'a Mosenekeng, Ha-Ralengoele | P.O. Box 473, Qacha's Nek
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Professional Objective A highly motivated IT professional with a Diploma in Computer Systems Engineering and certifications in Artificial Intelligence, Coding & Programming, and Network Addressing. With more than two years of hands-on experience in IT support, software development, system administration, and network management, I am looking to move into a Data Engineering and AI/Machine Learning role. My passion lies in data-driven solutions, database management, and automation. I aim to use my technical and analytical skills to contribute to the data infrastructure and software solutions.

Education & Certifications

- **Diploma in Computer Systems Engineering**
 - Lerotholi Polytechnic, Maseru | August 2020 - August 2023
- **Certificate in Artificial Intelligence**
 - Samsung Innovation Campus, Maseru | June 2024 - November 2024
 - Recognized as the top achiever in the AI program.
- **Certificate in Coding and Programming**
 - Samsung Innovation Campus, Maseru | April 2023 - November 2023
- **Introduction to Cyber Security**
 - CISCO Networking Academy | 2025
- **Certificate in Network Addressing and Basic Troubleshooting**
 - CISCO Networking Academy | 2025

Professional Experience

- **IT Support Technician (Internship)** | OnePower Lesotho, Maseru | February 2025 - Present
 - Administered IT infrastructure, including servers, networks, and database systems.
 - Provided technical support and troubleshooting for hardware, software, and connectivity issues.
 - Managed data security, backups, and system performance optimization.
 - Developed an Intelligent Fleet Inspection System using Flet UI and Python.

- Trained staff on cybersecurity vulnerabilities and prevention measures.
- **IT Technician (Internship)** | Global IT Systems, Maseru | December 2023 - June 2024
 - Designed and implemented secure network infrastructures, configuring routers and firewalls.
 - Provided IT support for clients, troubleshooting network, hardware, and software issues.
 - Assisted in database administration and IT system automation projects.
- **IT Consultant (Industrial Attachment)** | Bam Consultancy, Maseru | September 2022 - February 2023
 - Led IT projects, including network upgrades and system integrations.
 - Provided consulting services on IT security, infrastructure, and system optimization.
 - Diagnosed and resolved complex technical issues, reducing downtime for clients.

Technical Skills

- **Programming & Data Engineering:** Python (including Flet UI), SQL, Java, JavaScript
- **Database Management:** MySQL, MS SQL, PostgreSQL, Firebase
- **Network & System Administration:** Cisco networking, firewall configuration, Linux Server Management
- **Cloud & Infrastructure:** AWS (Basics)
- **AI & Machine Learning:** Data processing, automation, TensorFlow basics
- **Cybersecurity:** Vulnerability assessment, prevention measures, secure coding practices

Soft Skills

- Strong analytical and problem-solving abilities
- Excellent communication and teamwork
- Leadership and project management
- Adaptability and eagerness to learn
- Training and mentorship

Key Projects

- **Personal Portfolio Website:** Developed a personal portfolio using HTML5 and CSS3 for the first PLP Software Development Hackathon.
- **Intelligent Fleet Inspection System:** A system developed with Python and Flet UI to enhance fleet inspection processes at OnePower Lesotho.
- **Student Attendance System Using Biometric Recognition:** A biometric-based attendance system developed with Flutter and Firebase.
- **Real-Time AI Communication Bridge:** An AI-powered application using gesture recognition to bridge communication gaps between verbal and non-verbal users.
- **Water and Sewage Burst Pipes Tracking System:** A real-time monitoring system created with Python, JavaScript, and MySQL.
- **Network Deployment at Polihali:** Implementation of new network infrastructure at the Polihali site.

References

- **Mr. Thibello Raliete** - Head of Program, Computer Systems Engineering, Lerotholi Polytechnic | +266 6936 0580
- **Mr. Lillo Letebele** - Executive Director, Global IT Systems | +266 59007944
- **Mr. Motebang Lekhoana** - IT Lead, OnePower | +266 57837164