

# Gabriel Mthunzi

gabrielmthunzjr@gmail.com  
https://www.linkedin.com/in/gabriel-mthunzjr  
0998006766

## EXPERIENCE

**Malawi Telecommunications limited** — *Data transmission engineer intern*

- *Installed and initialized network infrastructure such as Routers, Radios, Telephones on client premises to support the organizations projects*
- *Performed Client support and maintenance to reduce down time and ensure business continuity*
- *Monitored networks using Simple Network Management protocol(SNMP) and observium*

**NITEL MALAWI** — *Junior Network engineer*

- *Performed Vulnerability assessment to reduce the chances of breaches that would impact the networks*
- *Handled different network projects to support business objectives and technology updates such as installation and decommission of network infrastructure.*
- *Monitored and adjusted network systems across 20 locations, consistently to maintain top performance standards.*

## EDUCATION

**Malawi University Of Science and Technology** — *Bachelors Degree in Computer Systems and Security.*

09/2019 - 04/2024

## CERTIFICATIONS

Introduction to critical infrastructure Protection certificate of completion from OPSWAT

## REFERENCE

Benett Kankuzi - Malawi University of science and Technology HOD, CSIT department  
[bkankuzi@must.ac.mw](mailto:bkankuzi@must.ac.mw)

Ralph Tambala - Malawi University of Science and Technology  
[rtambala@must.ac.mw](mailto:rtambala@must.ac.mw)

## PROJECTS

- Development of a SMS Phishing Detection web application using a self trained Machine Learning(ML) model
- IP Phone and cloudPBX(Private Branch exchange) service installation and configuration at Malawi Electoral Commission,SMEDI
- Migration of Ground Phone lines at the State House and the Capitol Hill
- Router Backup automation
- MHO/EGPAF Fiber connectivity project

## SKILLS

### TECHNICAL SKILLS

- Experience in Python, Node.js , CSS , MySQL, Flask API, MongoDB, Express, REACT
- Version control systems such as GIT/GITHUB
- Experience in Static and Dynamic Routing protocols(OSPF, BGP, Spanning Tree ),VLAN Configuration in CISCO Routers and Switches(2900- 3000 series).
- UBIQUITI Radios installation and Configuration and MICROTIK switch configuration
- Cambium Radios and Network equipment
- CACTI and Simple network monitoring software: WHATSUP GOLD, REALVNC VIEWER AND SERVER

### SOFT SKILLS

- Communication
- Teamwork and collaboration: Worked with teams from other organisations and department to achieve a common goal
- Problem solving skills
- Networking
- Adaptability