KHUMBULANI MUSHAYA

Telecommunications Engineer

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🔗 https://www.linkedin.com/inkhumbulani-mushaya-428916198 📍 Zimbabwe, Harare

SUMMARY

Enthusiastic Telecommunications Engineer with experience in **microwave**, **IP-RAN**, optic fibre installation and splicing. Working safely at heights, mounting and dismantling antennas. Skilled in pole planting, HD pipe laying, and fibre pulling. Proficient in fibre **splicing** at **OLTE**, Naps, **FDH**, and joints. Experienced in fibre preparation and working with ducted and micro duct fibre. Strong ability to interpret splice plans and optic fibre drawings for implementation. Excited about joining a company that values quality workmanship and attention to detail in advancing telecommunications' infrastructure.

EDUCATION

MSc Cybersecurity
IU international University of Applied science

📅 01/2024 - Present 📍 Berlin

BSc Electronics and Telecommunications
University of Zimbabwe 📅 2019 - 2023 📍 Harare

Diploma in Telecommunications
Telone Center for Learning 📅 2016 - 2019 📍 Harare

EXPERIENCE

Assistant Technician (Projects)
TelOne Zimbabwe 📅 2020 - 2021 📍 Harare

The Biggest service Provider
- Successfully completed fibre optics projects, resulting in a 15% increase in project size and complexity.
- Successfully completed fibre optics projects for 10 clients.
- Achieved a 100% completion rate on fibre optics projects by efficiently coordinating project timelines.

ADDITIONAL EXPERIENCE

Assistant Technician
TelOne Zimbabwe 📅 2020 - 2021 📍 Harare

Internet Service Provider
- indoor wiring
- ADSL line installations
- ADSL modem configurations
- Civil works (Trenching)
- cable faulting using tone generators

Access network Technician
Rawlings Networks and Systems 📅 2021 - 2023 📍 Harare

Telecommunication Company subcontracted by Liquid Telecoms
- quick respond to GPON faults
- Testing for losses at OLT using OTDR
- fibre splicing at FDH
- Interpretation of splice plans and optical drawings for implementation purpose.

ACHIEVEMENTS

💎 **Earned a new degree while working full time**
it was the hardest thing I ever did since the work I was doing included network planning and trenching which is labour-intensive

💎 **Completing a project within the time frame set.**
I indulged a one-month project for IP-RAN which consisted of 5 sites, its was labour-intensive, but we managed to reach the goal on time.

💎 **15% Increase**
Led successful completion of projects resulting in 15% increase in project size and complexity

💎 **100% Completion Rate**
Achieved 100% completion rate on fibre optics projects by efficient project timeline coordination

💎 **10 Clients**
Successfully completed fibre optics projects for 10 clients

💎 **Quick Response**
Provided quick response to GPON faults and achieved fast resolution

SKILLS

splicing

working at height

trouble shooting network problems

cable repairs

computer networking

ADDITIONAL EXPERIENCE

Telecommunications installer (Team Leader)

Rawlings Networks and Systems 📅 04/2023 - Present 📍 Bulawayo

Modernization project (radio and microwave links)
- ensure proper inspection and use of personal safety equipment
- install various antenna and transmission lines along ancillary equipment on communications structures
- remove, install, and repair various types and sizes of transmission lines including: Fibre, coaxial and DC power
- install spin wheels,cable trays,conduits, antenna mounts, antennas, transmission lines, and ancillary equipment on communication towers
- Adjust antennas on the tower with correct azimuth and tilts.
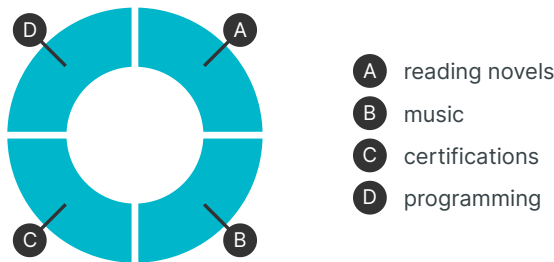- Lightning and grounding systems

CERTIFICATION

CCNA
Telone Centre for Learning

STRENGTHS

💎 **Telecommunications Expertise**
Extensive experience in telecommunications, including fibre optics, LAN installation, and internet circuits.

💎 **Project Management**
Proven track record of successful project completions, resulting in increased project size and complexity.

💎 **Technical Skills**
Proficient in fibre splicing, troubleshooting network problems, and conducting cable repairs.

💎 **Safety Compliance**
Skilled in ensuring proper inspection and use of personal safety equipment for telecommunications installations.

MY TIME

- A reading novels
- B music
- C certifications
- D programming

PROJECTS

Unki Mines (SANDVICK)
📅 03/2021 📍 Shurugwi

Internet Circuit: Providing internet to one of the subcontracting companies at Unki Mines via Fibre optics.
- The project was a success, it was completed on time.
- Successfully planned, implemented, and managed the installation of a VPN circuit for secure and efficient remote access to company resources.
- Collaborated with cross-functional teams to assess business requirements and design a scalable and reliable VPN infrastructure.

Anmack Mine
📅 02/2020 - 03/2020 📍 Harare

VPN circuit with internet via a fibre link and also LAN installation.
- Achieved seamless integration of the VPN circuit with existing network infrastructure, resulting in uninterrupted connectivity for remote employees across multiple locations.

CCS Goromonzi
📅 03/2020 - 04/2020 📍 Goromonzi

Installation of a VPN circuit via Fibre optic
- Received positive feedback from stakeholders and end-users for the successful implementation, resulting in increased productivity and enhanced data protection.

Bulawayo Modernization
📅 04/2023 - 2023 📍 Bulawayo

IP-RAN and Microwave installation
- Achieved to complete the project as one of the most competent teams excelling in EHS and quality control

TRAINING / COURSES

CCNA

Fall arrest and rescue rope rigging

Huawei's cybersecurity for subcontractors

Huawei EHS

LANGUAGES

English   Proficient ●●●●○

Shona   Native ●●●●●

PASSIONS

💎 Cybersecurity

REFERENCES

Ngugama Sylvester (Telone Tehnician National Emplemantations)

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Blessed Matumbu (Rawlings networks and Systems)

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