

# THABISO C. MORAPEDI

ELECTRICAL AND ELECTRONICS ENGINEER



## CONTACT

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Palapye, Botswana

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## SKILLS

- Project Management
- Power System Protection
- Teamwork
- Time Management
- Power Quality Analysis
- Effective Communication
- Safety Procedures
- PCB Design

## LANGUAGES

- English (Fluent)
- Setswana (Fluent)

## LICENSES

- Drivers License
- ERB Registered

## REFERENCE

### DR MOSALAOSI

Senior Lecturer at BIUST

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## PROFILE

A graduate of BEng Electrical & Electronics Engineer from Botswana International University of Science and Technology (BIUST) with a Second Class Upper Division Degree Title. Has hands-on experience in high-voltage power systems, industrial maintenance, and AI-driven automation. Passionate about IoT smart technologies, full-stack web development, and sustainable energy solutions for Africa's future and world at large.

## WORK EXPERIENCE

### Jwaneng Debswana Mine

FEB 2024 - JUL 2024

Electrical Maintenance Attaché

✓ High-Voltage Systems & Maintenance:

- Serviced 132kV/33kV/11kV transformers, Buchholz relays, tap changers, and 6.6kV/550V substations.
- Conducted insulation resistance, earth leakage, and continuity tests on 3-phase/single phase motors.
- Maintained VSDs, soft starters, and predictive maintenance systems using ML models.

✓ Safety & Compliance:

- Trained in A1 Operational Risk Management (ORM), Fatal Risk Control Standards (FRCS), and Job Safety Analysis (JSA).
- Implemented SLAM (Stop, Look, Assess, Manage) & 60-60-60 safety protocols.

### Shababa And Sons Investments PTY LTD

MAR 2022 - JAN 2024

Part-time Electrician

- Maintenance & Repair: Maintain, troubleshoot, and repair welding machines, power sources, and control circuits to minimize downtime.
- Safety & Compliance: Ensure all electrical systems and equipment meet safety codes (like NEC) and properly implement Lockout/Tagout (LOTO) to protect personnel.

## EDUCATION

### Bachelor of Electrical and Electronics Engineering

2020 - 2025

Botswana International University of Science and Technology

GPA: 4.06 / 5.0