Orefile Vincent Mothapa

Currently, I am working on completing the Software Engineering Bootcamp with HyperionDev. I chose Software Engineering as it is a critical skill in the 21st century.

I am convinced I would succeed in this field as teamwork and design thinking are some of my strongest points, also considering the skillset listed below I have acquired up to this point. I am actively looking for job opportunities and am willing to relocate.

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SKILLS AND PROFICIENCIES

- Java, Python, C/C++, SQL
- Teamwork, multitasking, and attention to detail
- Software Engineering

LANGUAGES

- English (fluent)
- Sesotho (fluent)
- IsiXhosa (fluent)

REFERENCES

Mr Nande Maphuza
Senior Engineering Technician
PRASA, Cape Town
email: nmaphuza@metrorail.co.za
cell: 0782806341

WORK HISTORY

Student Intern
Passenger Rail Agency of South Africa, Cape Town | Jul 2019 - Aug 2019

I was a part of the team that tests and maintains the electrical infrastructure for signals and train operations. I designed a protection relay protection system to minimize false alarms causing power trips while maintaining the safety and integrity of the system.
I also participated in:
- Transformer Testing
- Cable Fault Location
- Substation Testing
- Protection Relay Testing and Calibration

Student Intern
Powertech Transformers, Pretoria | Jan 2014

I was exposed to what goes into the design and testing of transformers and their assembly and operation.

EDUCATIONAL BACKGROUND

Bachelor of Science in Electrical Engineering
University of Cape Town, Cape Town | 2020
Majors
- Electrical Machines & Drives
- Power Distribution & Transmission Networks
- Microwave Engineering

Others
- Control Engineering
- Digital Electronics
- Project Management

Software Engineering
HyperionDev, Online | 2022
- Introduction to Python & Java Programming
- Beginner Control Structures
- Beginner Data Structures
- Version Control & Git
- The Software Process
- Debugging and Software Testing
- Intro to Java Database Programming
- Algorithms
- Deployment & Maintenance