LORENS TSHEPO MALEO

Diploma in ICT: Applications Development student

EE Status: Black, Male **| Residential Area:** Woodstock, Cape Town

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References available on request

Technically Skilled | Analytical Thinker | Problem Solver

PROFESSIONAL PROFILE

An ambitious and technically proficient final-year ICT Applications Development student with a strong foundation in full-stack development, data analytics, and software engineering. Adept at working in Linux environments, including OpenEuler, OpenGauss, Kunpeng and experienced in delivering innovative solutions within collaborative team settings. A regional finalist in the prestigious Huawei ICT Competition, demonstrating strong computational and problem-solving skills.

Driven by a passion for software development, eager to contribute to challenging projects while continuously expanding technical expertise through hands-on experience and continuous learning.

KEY COMPETENCIES

- **Problem Solver -** Capable of analysing complex issues and delivering effective solutions.
- **Decision maker** - Applies both analytical and creative approaches to decision-making.
- **Adaptability -** Thrives in diverse and fast-paced technological environments.
- **Communication** - Confidently conveys technical concepts to both technical and non-technical audiences.
- **Resilience -** Approaches challenges with persistence and determination.
- **Teamwork -** Experienced in GitHub-based collaborations and agile software development practices.

TECHNICAL SKILLS

- Programming Languages: Java, Python, C, SQL
- Frameworks & Tools: Spring Boot, Flask, React, Jinja, WordPress
- Database Management:MYSQL, PostgreSQL

EDUCATION | QUALIFICATIONS

2010: **Matric (Grade 12)** | High School

2021: **Higher Certificate in Information and Communication Technology**| Institution

Gained foundational knowledge in software development, networking, and database management.
Developed programming skills in Java and Python.
Learned the basics of web development and system administration.
Built a strong understanding of ICT principles, for further studies in application development.

2022 - Present **Diploma in ICT Applications Development** | Institution
I am gaining hands-on experience in **software development, database management, and full-stack application design**. Through **Applications Development Theory and Practice**, I learned to design, develop, and deploy applications using **Java, Spring Boot, React, and SQL** while following industry best practices. In **Information Systems**, I explored database architecture, system analysis, and IT project management methodologies.

My **Introduction to Data Science with Power BI** module introduced me to **data analytics, visualization, and reporting**, enhancing my ability to work with business intelligence tools. The **Project Capstone** allowed me to apply my skills in a **real-world development project**, collaborating in a team to build and deploy a full-stack application, strengthening my problem-solving and teamwork abilities.

ADDITIONAL TRAINING COURSES (Certificates)

2024   :   CS50x: Introduction to Computer Science | Havard University

Academic transcripts may be requested from the Cape Peninsula University of Technology.

WORK EXPERIENCE (In-Service Training)

Condorgreen | Name of Company
01/07/2024 – 31/12/2024

Gained practical industry exposure while further developing technical skills through self-paced training. Completed CS50x Introduction to Computer Science with HarvardX, mastering foundational programming concepts.
Contributed to real-world projects, enhancing software design and development expertise.