

Emmanuel Mdebele

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Objective

A motivated and disciplined Information Technology graduate specializing in Software Development, seeking internship to gain practical workplace experience.

Education

Diploma in Information Technology (Software Development)

Nelson Mandela University – Port Elizabeth, South Africa

Expected Graduation: April 2026

Technical & Soft Skills

Languages & Technologies: C#, HTML, CSS, JavaScript, Python (beginner), SQL

Frameworks & Tools: ASP.NET Core MVC, Entity Framework, Visual Studio, Microsoft SQL Server

IT Support Skills: Computer hardware repair, software installation, troubleshooting, basic networking

Soft Skills: Problem-solving, teamwork, adaptability, analytical thinking, communication, self-motivation

Experience

Computer Technician (Informal / Self-Employed)

- Diagnosed and fixed desktop and laptop hardware and software issues.
- Installed operating systems, drivers, and software applications.
- Performed virus removal, system cleanup, and basic system upgrades.
- Assisted users with basic IT troubleshooting and technical support.

Key Academic Projects

Fridge Management System (Group Project)

- Developed as part of a beverage manufacturer's system to manage fridge faults, technician assignments, and repair scheduling.
- Built the **Fridge Fault Subsystem** using **ASP.NET Core MVC** and **Entity Framework** to handle fault reporting and technician updates.
- Implemented role-based access for administrators, customers, and technicians, ensuring smooth system workflow.

Employee Management System (Group Project)

- Created a web-based solution to manage employees and departments within an organization.
- Implemented **CRUD functionality** (Create, Read, Update, Delete) with **soft delete** using ASP.NET Core MVC.
- Designed search and filter features for departments and employee age categories, enhancing usability and performance.

Certifications & License

- Cisco Networking Academy: **Introduction to Networks**
- Cisco Networking Academy: **Introduction to Cybersecurity**
- Driver's License: **Code C1**

Career Interests

Software Development | Data Analytics | Systems & Database Administration | IT Support | Networking & Cybersecurity | Web Development

References

Dr Makalima (Lecturer) :0415043196