THWALA DIKELEDI

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Personal Portfolio

https://personal-portfolio-km1p.onrender.com/

Personal Profile Statement

Aspiring **Software Developer** with a **Cum Laude IT qualification** and strong skills in **C#, SQL, web development**, and data-driven applications. Experienced in building full-stack systems including hospital and pharmacy management software, and analytical solutions using Python. I am self-disciplined, goal-oriented, and driven to learn, improve, and deliver real-world technical solutions.

Education

Advanced Diploma in Information Technology   **02/2025 to 11/2025**
Nelson Mandela University   Port Elizabeth, 6001 South Africa

Diploma in Information Technology (Software Development**)**   **02/2022 to 12/2024**
Nelson Mandela University   Port Elizabeth, 6001 South Africa

Matric (NSC)   **01/2017 to 12/2021**
Mohaladitwe Secondary School   Dikgakeng ,9872, South Africa

Technical Skills

Languages: C#, HTML, CSS, SQL, JavaScript, Python

Frameworks: ASP.Net Core MVC, Bootstrap, Pandas, jQuery, Seaborn

Tools: Git, GitHub, Visual Studio, Visual Studio Code

Soft Skills

• Microsoft Office (Word, Excel, PowerPoint, Access), • Team player, •Adaptability, •Communication Skills, •Dedication, •Problem Solving, •Time Management, •Leadership, •Interpersonal   and managerial skills, •Self-driven.

Projects

Currency Converter Web Application
Technologies: C#, .Net Core MVC, HTML, CSS, JavaScript
A responsive web app for converting global currencies, built with separated JS/CSS for clean structure and hosted via GitHub Pages.

Global AI Investment & Innovation Analysis
*Technologies***:** Python, Pandas, Seaborn
Analysed and visualised AI investment trends across 62 countries to compare growth, innovation and global readiness.

Hospital Management System
Technologies: C#, SQL, .NET Core MVC, HTML
Developed a system for patient management, appointments and hospital workflow with CRUD-based data handling.

Pharmacy Management System
*Technologies***:** C#, SQL, .NET Core MVC, HTML
Building a stock and prescription management system to dispense medication with automated alerts for medication collection.

Global Blood Donation Analysis
Technologies: Python, Pandas, Seaborn
Studied worldwide donation patterns to support emergency planning, blood type forecasting and healthcare decision insights.

Achievements

Certificate of Achievement – 1st Place (Faculty of Engineering, Built Environment & Technology)
Nelson Mandela University – MNP Blocks Residence | November 2025
Recognised for outstanding academic performance and excellence, awarded 1st place in the Faculty of Engineering, the Built Environment and Technology**.**

Selected as the Candidate for Bursary Funding
Chosen as **1 out of 147** students in my class to receive bursary funding for my Advanced Diploma, awarded based on academic excellence, dedication, and consistent high performance

Reference

Available upon request