



# MIYELANI CLIMATE MASHIMBYI

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VAALUNIVERSITY OF TECHNOLOGY

DIPLOMA IN INFORMATION TECHNOLOGY

Motivated and adaptable IT graduate with a Diploma in Information Technology, specializing in Software Development and Information Systems. Skilled in full-stack development using **JavaScript, React, Python, Django, Node.js, and MySQL**. Proven experience building desktop, web, and mobile applications through academic and personal projects. Strong understanding of **RESTful APIs, database design, and modern UI/UX principles**. Passionate about creating real-world solutions and continuously growing through hands-on learning. I have successfully completed training in **CCNA** and **Microsoft Azure Fundamentals**, and I am currently awaiting the official release of the certificates from my institution. In addition, I am actively upskilling by enrolling in **Microsoft Azure Developer Associate** and **Microsoft Dynamics 365 CRM Fundamentals**, further strengthening my capabilities in cloud development and CRM solutions. These certifications reflect my commitment to continuous learning and staying up to date with modern enterprise technologies.

I am eager to join this Software Engineering learnership to gain practical, real-world experience and build on the strong foundation I developed during my Diploma in IT. While I’ve worked on various academic and personal projects using technologies like JavaScript, React, Python, and Django, I believe that learning in a structured, professional environment will help sharpen my skills, expose me to industry best practices, and prepare me for long-term success in the tech industry. This opportunity will allow me to bridge the gap between theory and practice, work alongside experienced professionals, and contribute meaningfully while growing as a software developer

SKILLS (rated 1-5)	REFERENCES
<div>1. JavaScript (JS) :4</div> <div>2. React ( Material UI &amp; Framer Motion):4</div> <div>3. Python ( Django &amp; Tkinter ):4</div> <div>4. MySQL / SQL:4</div> <div>5. C# (.NET Framework):3</div>	<div>1.KAMOGELO SOUL (FRIEND)</div> <div>0782625429</div> <div>2.LEHLOHONOLO PERCY NKUMBA(FELLOW GRADUATE)</div> <div>0791823038</div>
PROJECTS	

## 1.CampusHere – Student Social Media App

Tech Stack: Node.js, Express, React, Socket.IO,MySQL

- Real-time social platform for university students to post updates, like, comment, and chat.
- Implemented JWT authentication, live chat using Socket.IO, and responsive UI with MUI.
- Built RESTful APIs for posts, users, and messaging system.

## 2 Personal Portfolio Website

Tech Stack: React, Material UI, Django REST Framework, Axios, Framer Motion

- Interactive portfolio showcasing projects with full descriptions, videos, and screenshots.
- Django backend handles media uploads and API for dynamic content.
- Includes smooth page transitions, sticky navbar, and responsive design.

## 3. Student Attendance & Assessment Manager

Tech Stack: Python (Tkinter), MySQL

- A desktop app for tracking student attendance and managing assessment submissions.
- Used colored cards (Red = Absent, Yellow = Late) and supported CRUD operations.
- MySQL used for storing student records, weekly attendance, and marks.

## 4. Inventory Management System

Tech Stack: C#, .NET Framework, SQL Server

- A Windows desktop application designed for small businesses to track product inventory, suppliers, and stock levels.
- Built using **C# and Windows Forms** in Visual Studio with a SQL Server database.
- Features included: Add/Edit/Delete products, generate low-stock alerts, and export reports.
- Implemented validation, data-binding, and a user-friendly interface.