

Mawande Sonkosi

Diploma in Information Technology (Software Development) Graduate

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Professional Summary

Self-driven and results-oriented IT graduate with a Diploma in Information Technology (Software Development) from Nelson Mandela University. Passionate about software development, problem-solving, and continuous learning. Proficient in full-stack development using C#, ASP.NET Core, and SQL, with front-end expertise in HTML, CSS, and JavaScript. Strong communicator, adaptable, and capable of working efficiently under pressure while delivering high-quality solutions.

Core Competencies and Skills

- **Programming & Development:** C# (Full Stack), ASP.NET Core, Entity Framework, Windows Forms, Dapper, SQL, ASP.NET MVC
 - **Front-end Technologies:** HTML, CSS, Bootstrap, JavaScript
 - **UI/UX Design:** User Interface Design Principles
 - **Data Analysis & Scripting:** Python (Data Analysis)
 - **Version Control:** Azure DevOps, GitHub
 - **Software Tools:** Microsoft Office Suite (Word, Excel, Access, PowerPoint, Outlook)
 - **Personal Skills:** Strong organizational skills, time management, planning, problem-solving, attention to detail, and excellent telephone etiquette
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Education

Nelson Mandela University | 2019 – 2024

- Diploma in Information Technology (Software Development)
- Higher Certificate in IT (User Support Services)

Cisco Certifications

- IT Essentials
- Introduction to Cybersecurity

- National Senior Certificate
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Projects & Practical Experience

Academic & Personal Projects

Employee Management System

- Developed a robust platform for managing employee records, tracking performance, assigning roles, and streamlining HR processes.
- Ensured efficiency by integrating role-based access control and secure data handling.
- Designed an intuitive UI for seamless navigation and user experience.

Ward Management System

- Created a web-based system to streamline hospital ward operations, including patient care, doctor visit records, medication administration, and task allocation for nurses.
- Implemented real-time monitoring and reporting for improved healthcare delivery.
- Enhanced system security and data integrity through proper access management.

Data Analysis with Python

- Conducted exploratory data analysis on large datasets using Python and Pandas.
 - Generated visual insights using Matplotlib and Seaborn.
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Work Experience

Freelance & Academic Projects

Although I have no formal work experience, I have successfully developed multiple academic and freelance projects demonstrating my technical proficiency, problem-solving abilities, and commitment to quality software solutions.

Languages

- **Xhosa:** Mother Tongue
- **English:** Fluent
- **Afrikaans:** Intermediate

Additional Information

- Passionate about continuous learning and improving coding skills through online courses and personal projects.
- Open to internships, entry-level developer roles, and freelance opportunities.