

KAMOGELO SIKHOSANA

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🔗 <https://github.com/KamogeloSikhosana>



ABOUT ME

I am a dedicated and goal-driven final-year Bachelor of Science in Information Technology student at North-West University, with a focus in Computer Science and Information Systems. I am passionate about creating practical, user-focused applications. I approach every project with problem-solving, critical thinking, and attention to detail. Eager to learn and grow, I am looking for opportunities to apply my skills in a professional environment and contribute meaningfully to innovative IT solutions.

KEY SKILLS

| Version Control (Git) | Team Collaboration | Databases | Web Development | AI | Communication | Systems Analysis & Design | Problem Solving | Adaptability | Software Development | Computer Networks | Operating Systems | Data Analysis |

TECHNICAL SKILLS

Languages: Java | Python | C++ | C# | SQL | HTML /CSS | JavaScript |

Developer Tools: VS Code | Code Blocks | Pycharm | Visual Studio | Git | BlueJ |

ACADEMIC BACKGROUND

Bachelor of Science in Information Technology

North West University , Vanderbijlpark

Feb 2021 - Nov 2025

- **Relevant Course Work:** Artificial Intelligence , Structured Programming(C++) , Databases, Data Structures & Algorithms, Systems Analysis & Design, Data Analytics, OOP(Java) , Information Security , Operating Systems, Computer Networks

Data Science

ALX Africa

May 2025 - August 2026

- **Relevant Course Work:** Professional Foundations , Data Analytics, Python, Machine Learning, AWS Cloud Practitioner

PROJECTS

Portfolio Website | CSS | HTML | JavaScript |

<https://github.com/KamogeloSikhosana/My-Portfolio-Website>

- A personal portfolio website showcasing my skills, projects, and background as an IT student. Includes sections like About Me, Projects, Contact, and a fully interactive AI chatbot that assists users. The design is clean, responsive, and built for easy navigation.

MediCare Web Application | CSS | HTML | JavaScript | ASP.NET Framework | C# | SQL |

<https://github.com/KamogeloSikhosana/Medi-Care>

- The platform allows patients to book consultations, access medical information, and manage their accounts, while administrators can perform full CRUD (Create, Read, Update, Delete) operations on patient records, appointments, and services. The system was built using HTML, CSS, JavaScript for the front end, and ASP.NET with C# for the backend, with MySQL used for data storage. This project strengthened my skills in full-stack development, database management, and building secure, interactive web applications tailored for the healthcare sector.

Office Network Design | Cisco Packet Tracer

<https://github.com/KamogeloSikhosana/CISCO-Computer-Network>

- I designed and implemented a complete office network using Cisco Packet Tracer for a company layout with 13 offices, a reception, kitchen, boardroom, server room, and open workspace. Each office included 3 PCs and a tablet, all connected through configured switches, routers, and access points. I applied IP addressing, VLANs, DHCP, and basic security to ensure efficient, secure communication. The server room hosted DNS and file services, following best practices in structured cabling and network design. This project enhanced my skills in network configuration, troubleshooting, and Cisco technologies.
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