MUHLE MABUNDA

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PROFESSIONAL SUMMARY

Aspiring IT professional with hands-on experience in full-stack web development, API integration, and application design. Skilled in **React**, **TypeScript**, **Node.js**, and **SQL & NOSQL**, with a focus on building scalable systems and user-friendly interfaces. Passionate about using technology particularly **Artificial Intelligence** to solve real-world problems and committed to continuous learning and seeking opportunities to grow in a collaborative, innovative environment.

EDUCATION

North-West University (NWU) – Vanderbijlpark campus
Bachelor of Science in Information Technology - Feb 2022 - Nov 2025 (Expected)
Accumulated Average: 74,30%

CERTIFICATIONS / ACHIEVEMENTS

- Certificate of Participation – Campus Hackathon 2024
- Golden Key International Honors Society

WORK EXPERIENCE

eCommerce Web App | 2025 - Shakira2022/E-Commerce

- Built a responsive eCommerce web app for a **small group of clients**, using Tailwind CSS and Framer Motion to deliver smooth animations and a modern shopping experience.

Student Assistant | 2024 & 2025
- Tutored Object-Oriented Programming & Advanced UI.
- Provided one-on-one academic support and mentoring.

ACADEMIC PROJECTS

Clinic Chatbot Web App | 2024 - citylyf/Clinic-Chatbot

- Developed a clinic chatbot web app to assist patients with appointment queries, health tips, and emergency support.
- Built using HTML, CSS, and JavaScript for a responsive and user-friendly interface

- Integrated APIs for SMS alerts and location sharing, enabling emergency notifications, with Git used for version control and team collaboration.

Cisco Packet Tracer – Networking - Shakira2022/Cisco-Packet-Tracer
- Built a reliable office network using Cisco Packet Tracer that supports up to 216 staff and devices across various departments.
- Topological network design with full isolation between departments with internet sharing across all zones from a central ISP connection.
- Work-from-home support, remote access and BYOD security.

Virtual-cv-portfolio - Shakira2022/virtual-cv-portfolio
- Developed a personal virtual CV website to present professional experience, skills, education, and projects in a clean, interactive layout.
- Designed with Next.js and Tailwind CSS for responsive UI and smooth performance across devices.
- Featured dynamic project listings, including a Cisco Packet Tracer simulation, with visuals and repository links.

TECHNICAL SKILLS

- **Programing Languages**: Java, C++, Python, C#,
- **Backend & APIs**: Node.js, Express.js, RESTful APIs, Python
- **Frontend:** HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS
- **Database:** MySQL, SQL, Oracle SQL, NoSQL: Firebase, MongoDB
- **Dev Tools & Others**: Git, GitHub, Visual Studio Code, Visual Studio, Code Blocks,
- **Soft Skills**: Time management, Adaptability, Problem solver, Communication

LANGUAGES

English (Fluent)

Tsonga(Native)

References

Name: Bongisa Dyosoba

Contact: Bongisa.Dyosoba@nwu.ac.za

Relationship: Module Facilitator

Name: Dr Vusi Malele

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Relationship: Module Facilitator