Nomfundo Mlangeni

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Professional Summary

Results-driven IT Graduate and Software Developer with strong foundations in full-stack web development, software design, and system analysis. Skilled in JavaScript and database management with experience in Agile methodologies and collaborative coding environments. Demonstrates analytical thinking, problem-solving, and innovation in building scalable software solutions. Adept at working in multidisciplinary teams and eager to contribute to Telkom's efficiency and digital transformation initiatives.

Education

Bachelor of Science in Information Technology – North West University (May 2024)
Key Modules: Programming (Java, Python, C#, C++), Data Structures, Algorithms, Databases, System Analysis & Design, Information Security, Artificial Intelligence, Data Analytics, Networks, and Business Management.

Professional Experience

Web Development Trainee | Umuzi.org | April 2024 – March 2025
- Designed and implemented user-friendly front-end interfaces using HTML, CSS, JavaScript, and React.
- Developed secure and efficient back-end APIs with Node.js, Express, and SQL.
- Conducted unit testing using Jasmine Framework to maintain code reliability.
- Participated in Agile sprints, contributing to sprint planning, daily stand-ups, and retrospectives.
- Collaborated via GitHub and code reviews to improve functionality and maintain clean version control.
- Delivered client-centered software projects emphasizing usability, responsiveness, and performance.

Academic/Personal Projects | 2023 – 2025
- Built interactive web applications integrating databases using MySQL and MongoDB.
- Applied principles of system design and software lifecycle management to deliver group projects.
- Conducted debugging, version tracking, and software optimization for improved system stability.
- Produced documentation for project progress, including architecture diagrams and user manuals.
- Enhanced existing systems by improving UI/UX design and optimizing load times.

Certifications

IBM Full-Stack JavaScript Professional Certificate (Coursera) – Sept 2025
Google IT Support Professional Certificate – (Coursera) - Oct 2025

Technical Skills

Programming: HTML, CSS, JavaScript, Python, Node.js, SQL
Frameworks: React, Express, Redux, Tailwind CSS
Databases: MySQL, PostgreSQL, MongoDB
Tools: Git, GitHub, VS Code, Figma, Docker (Basic)
Other: API integration, Testing & Debugging, Data Analysis, Cloud deployment (AWS basics)

Soft Skills & Attributes

- Strong analytical and problem-solving skills
- Excellent teamwork, adaptability, and effective communication
- Attention to detail and time management
- Self-driven learner with leadership potential
- Results-focused
- High learning agility
- Computer literacy
- Adaptability
- Passionate about innovation, system optimization, and continuous improvement

Interests

Software engineering, IT support, digital transformation, data analytics, cybersecurity, and user experience design.