ONAKO NTSALUBA

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ABOUT ME

A driven and meticulous Information Technology undergraduate with a solid background in programming, web development, and database management. Looking for an entry-level role to leverage my technical expertise, critical thinking skills, and passion for learning in a dynamic IT setting.

SCHOOL PROJECTS

-**Health Tracker System: Developed an ERD and dependency diagrams for a health tracking system that manages patient conditions, prescribed medicines, and diagnosis details. Utilized MySQL for database design and Java for application development.**

-**Online Voting System: Created a socket-based online voting system using Java Swing for GUIs and a Derby database for storing votes. Implemented client-server communication and voting functionality in a Maven-based project.**

-**Simple Chat Application: Modified a socket communication system to simulate a chat application. Integrated user input loops and termination protocols.**

-**HR Database Management System: Designed and populated a database for an HR information system using SQLite. Created and optimized SQL queries for managing employee recruitment and business expansion.**

-**Social Media vs Traditional Media: Study Analyzed the impact of media platforms on public perception using IT tools for data visualization and analysis.**

EDUCATIONAL BACKGROUND

Cape Peninsula University of Technology
Diploma: Information Technology
2023 - 2025
Bhisho High School
National Senior Certificate
2020 - 2022
ST Thomas Private School
2011 - 2019

LANGUAGES

English (Full Professional Proficiency)
Xhosa (Full Professional Proficiency.

SKILLS

Technical Skills
-Programming Languages: (Java, PHP, HTML5,JavaScript, CSS, SQL)
-Software & Tools: Microsoft Office suite (Word, Excel, PowerPoint, Access), NetBeans, Visual Studio Code, Version Control (GitHub)
-Computer Literacy and Troubleshooting
Personal and Work Skills
-Creativity and Critical Thinking
-Able to work well under pressure and meet deadlines
-Effective team collaboration and communication
-Adaptable to new technologies and processes
-Strong problem-solving abilities
-Reliable and committed to delivering quality work
-Hard working and Focused
-Proactive and eager to learn
-Open-minded and Goal-oriented

RELEVANT MODULES AND COURSES

- Applications Development (Java, PHP)
- Web Development (HTML5, CSS, JavaScript)
- Database Management (MySQL)
- System Analysis and Design
- Applications and Networking
- Fundamentals Project Management

CERTIFICATIONS:
 -LinkedIn Learning Courses:
 -Foundations of Programming: Java Web
-Development Basics (HTML5, CSS, JavaScript).
-Introduction to MySQL Databases.
-IT Project Management Fundamentals
-Cybersecurity Awareness Training.

HOBBIES AND INTERESTS:

 -Staying updated with the latest technology trends.
-Enhancing my knowledge of Artificial Intelligence .
-Building small coding projects and exploring open-source contributions.
-Building small websites focusing on making them more interactive with users.