

TEMOGO MOKIDIANE

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PROFESSIONAL SUMMARY

Dedicated and detail-oriented final year Information Technology (IT) student possessing a solid foundation in software development, data analysis and computer systems. Skilled in programming languages such as Java, C++ with hands on experience in database management and web development through coursework and self-driven projects. Strong communication skills and great teamwork abilities.

CORE COMPETENCIES

- Object – Oriented Programming (Java, C++, Python)
- Data structure and algorithms
- Data Design & management (MySQL, Oracle)
- Version control (Git)
- Software Development Life Cycle (SDLC)
- Agile Team Collaboration

EDUCATION

Bachelor of Science in Information Technology

North-West University

Final year (Expected Completion : November 2025)

- Relevant Modules : Data Structures , System Design & Analysis , Operating Systems, Databases, Artificial Intelligence, IT Development, Computer Networks

National Senior Certificate

Kalahari High School , Kuruman

Completed: December 2022

ACADEMIC & PERSONAL PROJECTS

Hotel management System

- Developed a comprehensive Hotel Management System using Oracle SQL Developer, covering database design, logical and physical modelling, and SQL query implementation.
- Created Entity-Relationship Diagrams (ERD) to model hotel operations including room booking, customer management, and billing.
- Implemented complex SQL queries and stored procedures to manage reservations, check-in/check-out, and payment processing.
- Collaborated with team members to ensure timely delivery and quality of the project, demonstrating strong teamwork and problem-solving skills.

Messaging App

- Developed a messaging application featuring core functionalities such as user registration, sending/receiving messages, and chat history management.
- Utilized C# to build the front-end interface and backend logic.
- Implemented session management and basic data storage to maintain user conversations.
- Applied problem-solving skills to debug and enhance user experience.

TECHNICAL SKILLS

- Languages: Java, C++, Python
- Databases: MySQL, Oracle
- Version control: Git, GitHub
- Tools: Microsoft Word, Excel, Visual Studio Code

EXPERIENCE

Student assistant – System analysis and Design Tutor

North -West University :Feb 2025 – Present

- Provide academic support to second-year IT students in the System Analysis module.
- Assist in explaining complex concepts such as requirements gathering, DFDs, and system modelling.
- Assist with group projects.
- Enhance student understanding and promote academic success within the faculty.

LEADERSHIP & ACTIVITIES

- Faculty subcommittee (North-West University)
 - Supported student engagement and academic quality discussions.
- Executive committee member (Kalahari High School)
 - Led student initiatives and events.
 - Played a key role in promoting discipline and maintaining a respectful, inclusive school environment.

LANGUAGES

- English fluent
- Setswana fluent

REFERENCES

Available upon request