JACKSON MAHLOTLE KHUTO

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CAREER OBJECTIVE

Motivated and detail-oriented Information Technology graduate with a strong academic foundation and hands-on experience in software development, system support, and data analysis. I am passionate about applying technology to solve real-world problems, improve user experiences, and support business operations. I aim to build a long-term career as an IT professional in environments that foster continuous learning, collaboration, and innovation.

EDUCATION

Bachelor of Science in Information Technology
North-West University – Vanderbijlpark
Completed: 2024

Key Subjects:

- Software Development and Programming
- Databases and Information Systems
- Networking and Operating Systems
- Data Analytics and Statistics
- Project Management and System Analysis

Final Year Project:
Developed a full-stack SaaS invoicing platform that includes secure login, PDF invoice generation, payment integration via Stripe, and a dashboard displaying revenue insights using dynamic data visualizations. The system was designed for small business owners and focused on usability, security, and automated billing workflows.

National Senior Certificate (Science Stream)
Dinao Secondary School – Lebowakgomo
Completed: 2020

EXPERIENCE

IT Student Assistant – Department of Computer Science
North-West University
June 2024 – December 2024

- Supported students in understanding core programming and algorithm principles.

- Assisted during lab sessions focused on Data Structures & Algorithms using Java and Python.

- Helped students debug assignments and guided them through recursive logic, memory handling, and performance considerations.

- Worked collaboratively with academic staff to enhance learning experiences and course material.

PROJECTS

1. SaaS Invoicing System
A comprehensive web-based invoicing application built with ASP.NET Core and React.js. Included login authentication, payment tracking, PDF invoice generation, Stripe integration, and interactive data dashboards for revenue analysis.

2. Task Management API
RESTful API built in ASP.NET Core with JWT-based user authentication. Supported CRUD operations for task management and featured role-based access for admins and standard users.

3. Weather Dashboard (React.js)
Created a responsive weather application that fetches real-time weather data using an external API. Designed for performance and readability with a clean and simple interface.

4. Logistics Flow Simulation (Python)
Simulated a basic logistics workflow from product intake to delivery. Designed to visualize and evaluate task timing, state transitions, and basic performance reporting.

TECHNICAL SKILLS

- **Languages:** Python, Java, C#, JavaScript

- **Web:** HTML, CSS, React.js, ASP.NET Core

- **Databases:** SQL Server, MySQL

- **Data Tools:** Microsoft Excel, Power BI (intro), Pandas (basic)

- **Other Tools:** Visual Studio Code, GitHub, Git, Postman

- **Concepts:** REST APIs, OOP, MVC, Data Structures, CLI, Agile

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CERTIFICATIONS & TRAINING

- JavaScript Algorithms & Data Structures – freeCodeCamp

- Data Analytics Using Excel – Great Learning

- Introduction to REST APIs – Great Learning

- A+ and N+ – Self-study (in progress)

CORE ATTRIBUTES

- Strong analytical and logical reasoning

- Excellent communication and collaboration skills

- Highly organized and self-driven

- Problem-solving mindset with attention to detail

- Quick learner with a growth-oriented mindset

- Able to adapt to evolving technologies and team dynamics