PALESA MABULA

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SUMMARY

Aspiring Information Technology professional with a strong foundation in software Object-Oriented Analysis, Design and Development.

Seeking a challenging position to apply skills and knowledge in a dynamic environment. I'm eager to learn and contribute to a great team and take on challenges.

PROJECTS

Encryption/Decryption Tool Using – Project

- Collaborated to develop an encryption/decryption tool using Python and the Advanced Encryption Standard (AES) algorithm as part of my course assessment.
- Implemented the AES algorithm to ensure secure encryption and decryption of sensitive data.
- Created a user-friendly command-line interface for easy input of plaintext such as file name and extensions.
- Utilized Python's pycryptodome library to handle cryptographic operations for reliability and security.

Food Ordering System, Varsity Cafe – Project

- Collaborated to develop an online food ordering system for the Varsity Cafe using C#, JavaScript, and HTML & CSS
- Implemented a user-friendly interface that allows customers to browse the menu and add items to their cart.
- Created business logic functionalities in C# to process orders, payment and user signup login

EDUCATION

Bachelor of Science in Information Technology   **Feb 2022 - Present**
North West University- Potchesfstroom campus
- A strong foundation in computer systems, networks, software, hardware, and programming
- Analyze data, identify patterns, and make informed decisions.

Matric   **Jan 2015 - Nov 2019**
Lancea Vale Secondary School

SKILLS

- **Languages:** C# , Java, Python , JavaScript,C++
- **Frameworks:** MySQL , .NET, MVC
- **Tools :** Visual Studio ,Git, GitHub , Windows ,Linux, Office