DYLAN
OELOFSE

B.SC. INFORMATION TECHNOLOGY

0713536917
dylanoelofse2003@gmail.com
56 Edward Drive Glendower, Edenvale,
1609, South Africa

ABOUT ME

I am a tech enthusiast with a strong passion for learning and exploring new technologies. My studies in information technology have given me a solid foundation, and I am eager to develop my skills and knowledge further. I have set clear goals for myself and am determined to achieve them, including building a successful career in IT. I enjoy solving problems and taking on new challenges, and I stay updated with the latest tech trends to continuously grow and expand my expertise. I am particularly interested in exploring opportunities in security, software development, and data analytics.

SKILLS

Strong Collaboration

Technical Proficiency

IDE's: VS, VS Code, SSMS, Code::Blocks

LINKS

LinkedIn:
www.linkedin.com/in/dylanoelofse

github (permission to access granted):
https://github.com/dylanOelofse

LANGUAGES

English

Afrikaans

WORK EXPERIENCE

STOCK CONTROLLER
TYDAN CONTROL VALVE (PTY) LTD. | JOHANNESBURG
FEB 2024 - MAR 2024

- Managed inventory operations, ensuring accurate stock availability.
- Monitored stock levels and conducted regular audits.
- Coordinated with suppliers to maintain optimal inventory levels.

EDUCATION

MATRIC NSC
JEPPE HIGH SCHOOL FOR BOYS | JOHANNESBURG
2021

- Achieved excellent grades in Information Technology (IT).
- Excelled in Mathematics, Physics and Language skills.

B.SC. INFORMATION TECHNOLOGY
NORTH WEST UNIVERSITY | POTCHEFSTROOM
2024

- Initially pursued a B.Sc. in Applied Mathematics and Physics.
- Transitioned to B.Sc. in Information Technology.
- Degree completed

COURSES

FULL DELPHI COURSE ON WINDOWS
NOV 2021

HTML, CSS AND SQL EXPERIENCE
NOV 2021

PYTHON COURSE
JUN 2022

C++ COURSE
JUN 2022

JAVA COURSE
JUN 2023

FULL EXCEL COURSE
NOV 2023

C# COURSE
NOV 2023

PROJECTS

PORTFOLIO WEBSITE

Interactive portfolio website, designed using HTML, CSS and JavaScript. A showcase of my creativity, personal details, and various projects.

FULL-STACK WEB APPLICATION

Platform for seamless resource sharing, uploading, and moderation. Implemented role-based access control and efficient document management using the MERN stack, with JWT authentication ensuring secure access and Azure Blob Storage handling file management.

MESSAGING APP

Developed a C# messaging app using P2P server configuration, Firebase for authentication and database, and JSON for data exchange. Enabled real-time messaging with secure peer-to-peer communication.

CISCO NETWORK DESIGN

Designed a network with multilayer switches, VLANs, DHCP pools, and inter-VLAN routing. Configured DNS, TCP/IP, and static IPs for critical devices. Enabled internet access and web server connectivity.

ENCRYPTION PROGRAM

Developed a file encryption and decryption tool using Python (Tkinter, hashlib, and os). Implemented AES-based XOR encryption, password hashing (SHA-256), and secure file handling with a user-friendly GUI.

HOSPITAL SYSTEM

Designed a hospital management system in C# using SQL Server in Visual Studio to manage patient admissions, ward information, staff shifts... Enabled secure data storage and real-time access to hospital records.