



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 enjoy solving problems, taking on new challenges and 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, data analytics, and databases.

SKILLS

Strong Collaboration
Technical Proficiency
IDE's: VS 2022, VS Code, SSMS,
Code::Blocks

LINKS

LinkedIn:
www.linkedin.com/in/dylanoelofse

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

Portfolio Website::
https://dylanoelofse.github.io/Dylan_sPortfolio_VirtualCV/

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 (IT).
- Degree obtained: Graduated in 2024 with a B.Sc in Information Technology (IT)

COURSES

FULL DELPHI COURSE

NOV 2021

HTML, CSS AND JAVASCRIPT COURSE

NOV 2021

SQL COURSE

NOV 2021

PYTHON COURSE

JUN 2022

C++ COURSE

JUN 2022

JAVA COURSE

JUN 2023

FULL EXCEL COURSE

NOV 2023

C# COURSE

NOV 2023

INDIVIDUAL PROJECTS

PORTFOLIO WEBSITE

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

FULL-STACK MOVIE SITE

Full-stack movie platform for browsing and reviewing films. Users can search for movies and manage reviews with full CRUD functionality. Built using the MERN stack (without React), with a front end designed with HTML, CSS, and JavaScript, and MongoDB Atlas for cloud data storage. Deployed on Render.

GROUP PROJECTS

FULL-STACK STUDY HUB

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 and Visual Studio, utilizing the ADO.NET framework for database connectivity. The system manages patient admissions, ward information, and staff shifts, enabling secure data storage and real-time access to hospital records.