

CONFIDENCE THAPELO MAKOFANE

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PROFILE

A highly motivated final year professional pursuing a BCom degree in Economics and Informatics, a Computer Networking diploma, and hands-on experience in Web Development, Data Science, and Machine Learning. Passionate about leveraging Artificial Intelligence to solve complex problems and drive innovation. Strong analytical and technical skills with a foundation in IT since high school.

WORK EXPERIENCE

■ **Mar 2025 - Apr 2025**
CodSoft, Remote

Machine Learning Internship

Developed machine learning models for real-world applications, including credit card fraud detection, and customer churn prediction. Applied deep learning, natural language processing (NLP), and predictive modeling using Python, Scikit-learn, and TensorFlow.

■ **Dec 2024 – Jan 2025**
CodSoft, Remote

Data Science Internship

Developed data science solutions, including data engineering, analysis, and modeling using Python, Pandas, and NumPy. Applied machine learning and statistical techniques to build predictive models to derive insights from data.

■ **Sep 2024**
JP Morgan Chase, Remote

Software Engineer Internship

Participated in the JP Morgan Chase Data Engineering Program via Forage. Gained hands-on experience in financial data analysis, Git, Python, React.js, and TypeScript. Developed and improved web-based financial tools, completing key technical tasks.

EDUCATION

2018 - 2021
THE KINGS' SCHOOL WHITE RIVER

- Matric Bachelor's Pass
- Distinction in Information Technology

2024
GREAT LEARNING ACADEMY

- Certificate in Introduction to Cyber Security

2024
ALISON ACADEMY

- Diploma in Computer Networking

2022 - 2025
NORTH-WEST UNIVERSITY

- BCom: Economics with Informatics

SKILLS

Technical Skills

- Programming & Development: Delphi, Python, C#, C++, JavaScript, HTML, CSS, SQL
- Data Science: Pandas, NumPy,
- Databases & Networking: MySQL, Microsoft SQL Sever
- Web Development: ASP.NET, MVC
- Artificial Intelligence & Automation: AI Model Development, Predictive Analytics

■ **Jul 2024 - Aug 2024**

CodSoft, Remote

Web Development Internship

Designed and developed responsive web applications, implementing JavaScript, CSS, and UI/UX principles. Applied front-end development techniques to enhance user experience. GitHub repository available for completed projects.

■ **Jul 2024**

National Institute for Communicable Diseases,
On-site, Sandringham, Johannesburg

Student Intern (Job Shadowing)

Completed a job shadowing program as part of required practicals over winter recess. Gained exposure to ETL processes, database administration, web application development, and system data flow across different departments. Learned how data moves through an integrated system and collaborated with various teams, enhancing teamwork and communication skills. web application development. Assisted with data management and system maintenance, applying software engineering principles.

■ **May 2024 - Jun 2024**

InternCareer, Remote

Data Science Internship

Conducted data analysis and visualization using Python and Microsoft Power BI. Created interactive reports and applied statistical data analysis techniques to extract insights from datasets.

- Cloud & DevOps: Git
- Data Analysis & Visualization: Power BI, Tableau, Excel (Advanced), Matplotlib, Seaborn
- Data Cleaning & Transformation: ETL processes

Soft Skills

- Problem-Solving & Critical Thinking
- Analytical & Quantitative Skills
- Communication & Team Collaboration
- Adaptability & Continuous Learning
- Project Management & Leadership
- Time Management & Ability to Work Under Pressure

L A N G U A G E S

- English
- Afrikaans (Proficient)
- Sepedi
- Setswana
- Tsonga