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About me:

Driven and forward-thinking BSc Information Technology student with a strong foundation in software engineering, databases, and programming. Passionate about building clean, efficient, and scalable systems that solve real-world problems. Thrives in dynamic, high-impact environments that demand critical thinking, continuous learning, and purpose-driven problem-solving. Brings a results-oriented mindset to every project, whether developing backend services, analyzing complex data, or learning new technologies. Committed to turning complex challenges into practical, impactful digital solutions. Open to collaboration, innovation, and opportunities that foster technical and personal growth.

SKILLS

Languages: Python, Java, C#, SQL, HTML/CSS

Tools & Frameworks: Streamlit, ASP.NET Core, Git, VS Code, Pycharm

Libraries: Pandas, Prophet, TextBlob, Scikit-learn, Matplotlib

Database Systems: MySQL, Oracle

PROJECTS

Service Complaints Analyzer – Streamlit, Python, NLP, Prophet, LDA

- Built a full-stack web app that ingests CSV complaint data, analyzes sentiment using TextBlob, forecasts complaint trends using Prophet, and performs topic modeling with LDA.
- Implemented geolocation heatmaps, PDF export functionality, and interactive visualizations using Plotly and Matplotlib.

Hotel Management system

- Was part of a team that developed a hotel management booking, check-in and check-out system, enabling secure reservations and guest tracking.
- Integrated MySQL database functionality to support CRUD operations for guests, rooms.
- Contributed to a team-based project which followed the systems development life cycle, made use of agile technologies.

EDUCATION

North-West University, South Africa	2023 - present
Bachelor of Science in Information Technology	
Boksburg High School	2018 - 2022

ACHIEVEMENTS & LEADERSHIP

- First-Year Leadership Camp at North-West University (2023)
 - Served as class representative for MTHS 113, facilitated lecturer-student communication
 - "Leave a Legacy" Program Participant (2023)
 - Deputy Head Boy (2022)
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EXTRACURRICULARS

- Volunteer, Tech Tutor Initiative, Taught basic computer literacy
 - Residence soccer (2023 - 2025)
 - Tutor work
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REFERENCES

Available upon request