Tshedimosetso Lebitsa

Final-Year Student in Bachelor of Science in Information Technology
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[LinkedIn](#) | [GitHub](#) | [Virtual CV](#)

Personal Profile

Final-year Bachelor of Science in Information Technology student at North-West University, currently averaging 78%. Strong academic foundation with a strategic and technology-driven mindset. Passionate about IT risk, business analysis, digital transformation, and understanding how technology creates value in organizations. Skilled in problem-solving, adaptability, and communication, with hands-on experience in network design, database development, application programming, and quality assurance. Eager to apply both technical skills and business insight to deliver innovative solutions within dynamic environments.

Education

North-West University (NWU), Vanderbijlpark | 2022 – 2025
Bachelor of Science in Information Technology
Expected graduation: 2026
Current average: 78%
Golden Key International Honour Society Member (invited 2023)
Elbee Education and Training | 2021
IT: End User Computing (MICT SETA Accredited)
Coligny High School | 2020
National Senior Certificate (Matric)

Projects

- **Cisco Packet Tracer: Enterprise Network Design (Final-year project)**
  Designed and configured a multi-office enterprise network using Cisco Packet Tracer, incorporating subnetting, routing, switching, and server connectivity.
  Strengthened skills in network design, troubleshooting, and scalability planning.
- **Operational Database with Oracle SQL (Final-year project)**
  Built a relational database for a cleaning service company using Oracle SQL, applying normalization, constraints, and efficient querying.
  Improved database design, SQL scripting, and data integrity management.
- **Carbon Footprint Calculator (CMPG 223 – 3rd-year project)**
  Developed a sustainability-focused desktop application in C# using Visual Studio, with real-time input validation and a clean user interface.
  Enhanced back-end logic implementation and user-friendly design skills.
- **System Planning and Design (CMPG 213 – 3rd-year)**
  Created full SDLC documentation for a green tech app, including use case diagrams, ERDs, functional specifications, and architectural designs.
  Focused on aligning user needs with scalable system architecture.

Volunteering & Leadership

- **Ch@s Peer Helper (2024)**: Provided academic support and student engagement at NWU, developing strong collaboration and communication skills.
- **Absa Financial Education Programme (2024)**: Attended training focused on financial literacy, budgeting, and responsible money management.
- **FNAS Student Chapter Subcommittee Member (2022)**: Assisted in organizing faculty events, demonstrating teamwork and adaptability.

Skills

Technical Skills

- Programming Languages: Python, Java, C#, C++, HTML, CSS
- Database Management: SQL
- Version Control: GitHub
- Software Testing: Quality Analysis Processes, User Acceptance Testing (UAT)
- Data Analysis & Microsoft Office Suite: Microsoft Excel, Word, Outlook, PowerPoint, Data Visualization Basics
- Information Security Awareness and Risk Principles
- Digital Transformation Concepts:
    – Artificial Intelligence
    – Foundational knowledge of Cloud Computing and Data Privacy (formal coursework in progress)

Soft Skills

- **Analytical Thinking**: Breaks down complex problems into manageable steps
- **Problem-Solving**: Logical and solution-driven approach to challenges
- **Adaptability & Agile Mindset**: Thrives in dynamic and fast-changing environments
- **Communication**: Clear, confident communicator across technical and non-technical teams
- **Inclusive Team Collaboration**: Strong team player in diverse, cross-functional groups
- **Growth-Oriented**: Committed to continuous learning and innovation

Languages

Fluent: English, Setswana
Conversational: Afrikaans, Sesotho
Basic: isiXhosa, isiZulu

Interests

Passionate about technology innovation, risk assurance, and IT security.
Enjoy digital content creation and staying updated with emerging technology trends.