Vonani Nkombyane

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🔗 [LinkedIn](#)

💻 [GitHub](#)

🌐 [Portfolio Website](#)

Professional Summary

Information Technology student at North-West University with a solid foundation in object-oriented programming, system design, and data analysis. Skilled in C#, Java, Python, Excel, and SQL, with practical experience in developing software solutions in collaborative environments. Academic exposure includes communication networks, artificial intelligence, decision support systems, and database design. Known for strong analytical thinking, effective problem-solving, and a proactive approach to learning. Eager to contribute to innovative projects and grow within a forward-thinking graduate program.

Education

Bachelor of Science in Information Technology
North-West University
South Africa | 2023 – Present (Graduating 2026)
• Core modules include Object-Oriented Programming, Communication Networks, Artificial Intelligence, Decision Support Systems, Database Design, Data Analysis with Excel

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Technical Modules

• CMPG111: Introduction to Computing and Programming (Python, Excel)
• CMPG121: Structured Programming (C++)
• CMPG122: User Interface Programming I (C#)
• CMPG211: Object-Oriented Programming (Java)
• CMPG212: Apps and Advanced UI Programming (C#)
• CMPG221: Data Structures and Algorithms (Java)
• CMPG222: Data Analytics (Excel)
• CMPG311: Databases (SQL)
• CMPG312: Decision Support Systems
• CMPG313: Artificial Intelligence
• CMPG315: Communication Networks

Projects
• Rental Company System (C#, SQL, ASP.NET)
Developed a full-stack rental management system handling client registration, rentals, admin portal, and inventory management. Collaborated using GitHub for version control and teamwork.
• C# GUI Applications
Created multiple Windows Forms applications such as calculators, data entry forms, and simulations with a strong focus on user interface design and event-driven programming.
• Data Structures Group Project (Java)
Implemented algorithms using arrays and linked lists, demonstrating modular object-oriented programming with reusable code.
• Python Fundamentals Projects
Built various tools including calculators and validators, emphasizing control flow, functions, and logical operations.
• Oracle Database Project
Designed and manipulated Oracle databases by creating and altering tables, showcasing practical skills in database management and SQL.

Skills
Technical Skills:
• Programming Languages: C#, Java, Python, C++
• Web Technologies: ASP.NET
• Databases: SQL, Oracle
• Tools: GitHub, Visual Studio, Microsoft Excel
• Concepts: Object-Oriented Programming, Data Structures, Artificial Intelligence

Soft Skills:
• Analytical Thinking
• Problem Solving
• Team Collaboration
• Communication

Certifications
• Fundamentals of Digital Marketing, Google Digital Garage — Completed July 2025

Languages
• English: Fluent
• Tsonga: Fluent (Native)
• isiZulu: Conversational