

Fani Mabaso

Based in Free State | Mobile Across Gauteng | Open to Remote & International Opportunities
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Profile Summary

Ambitious BSc Information Technology student at North-West University completing studies in 2026, equipped with foundational exposure across cybersecurity, data analytics, software development, and relational database systems. Proficient in Python, Java, C++, C#, SQL, and Excel with a strong academic portfolio in data-driven problem solving, secure systems, and algorithmic design.

Education

BSc Information Technology — North-West University (2023–2026)

Core Modules: Python, Java, C++, C#, SQL & Databases, Data Analytics, Data Structures, Statistics, Information Security, Decision Support Systems, Discrete Mathematics
Certifications: Introduction to Cybersecurity | Introduction to Data Science

Electrical Engineering Studies (1 Year Completed) — Goldfields TVET College (2022)

Completed coursework in engineering mathematics, circuits, and digital concepts prior to transitioning into IT.

Projects & Academic Work

Data Analytics Coursework (Excel & Python)

- Cleaned, analyzed, and interpreted structured datasets using Excel and Python.
- Applied descriptive statistics and analytical reporting aligned to decision support methodologies.

Object-Oriented Programming Projects (Java & C++)

- Developed modular programs applying OOP principles, encapsulation, and class-based design.
- Built algorithms and data structures to solve computational problems across both languages.

Cybersecurity Foundations Labs

- Conducted vulnerability analysis and applied secure computing principles including CIA triad concepts.

Technical Skills

Languages: Python, Java, C++, C#

Data & Analytics: Excel, Data Modelling, Statistical Analysis, Basic Python Analytics

Cybersecurity: Security Fundamentals, Network Security Concepts, Risk & Access Control

Databases: SQL, Relational Database Management

Foundations: Algorithms, OOP, Data Structures

Soft Skills

Analytical Problem Solving
Technical Communication
Research & Documentation
Continuous Learning & Adaptability

Career Objective

Seeking internships, learnerships, and early-career opportunities that enable professional development across cybersecurity, data analytics, or software engineering while completing my degree.

Availability

Part-time, remote, vacation work, or early-career placements leading into 2026 graduate roles.