

NOKUPHILA THOLOKUHLE SHABALALA

256 Oribi Road, Scottsville, Pietermaritzburg, 3201 | 073 201 2441 | nokuphilaamshengu@gmail.com

PROFILE

I completed BSc Computer Science and Information Technology student at the University of KwaZulu-Natal with a strong interest in both frontend and backend development. Skilled in Python, Java, C#, ASP.NET and C++, with solid experience in object-oriented programming, software development, data structures, backend logic, and database design. I am currently seeking entry-level opportunities in backend development, software engineering (software development) or software design, where I can contribute technical skills and continue growing as a developer.

EDUCATION

Grade 12 – completed 2020

BSc in Computer Science and Information Technology – completed 2025

University of KwaZulu-Natal | Expected Graduation: 2026

TECHNICAL SKILLS

- Object-Oriented Programming
- Data Structures & Algorithms
- Database Design and Management
- Systems Analysis & Design
- HTML, CSS, C#, C++, Java
- SQL, ASP.NET

SOFT SKILLS

Leadership: Demonstrated through tutoring, mentoring, and active club involvement

Communication: Effectively taught first year students through demonstrating during practical sessions

Hardworking & Self-Motivated: Manages responsibilities with minimal supervision

Adaptability: Thrives in both academic and extracurricular environments

Teamwork: Collaborated successfully in multiple group projects

WORK EXPERIENCE

Object-Oriented Programming Demonstrator (COMP201): July 2024 - November 2024

- Helped students understand Java and OOP principles
- Led practical sessions, marked work, and offered guidance
- Improved pass rates by helping students grasp foundational concepts

IS&T for Business Demonstrator (ISTN101): February 2024 – June 2024

- Helped first year students understand and fully adapt to basic computer skills
- Polished design skills for students through leading practical sessions

Projects

- **Quiz Application (C++ with Qt6) Backend Developer**

Developed backend logic for question flow, score tracking, and user authentication

Integrated backend components with a graphical UI using Qt6

Collaborated with teammates during an Advanced Programming module project

- **Business System for Real Client — Backend Developer**

Group capstone project using C#, SQL Server, HTML/CSS/JS/ASP.NET

Collaborated in the Design and developed the backend system logic and database architecture

Built C# backend functionality for user and data operations

Collaborated on front-end integration and full system deployment

REFERENCES

- Dr Ako-Nai (Lecturer) - Akonaia@ukzn.ac.za
- Dr Mvelase (mentor) – ncamve@gmail.com