

MASIBUVE SIKHULUME

Cape Town, Western Cape | masibuve.skhulume@gmail.com | 0655528976 | LinkedIn:
www.linkedin.com/in/MasibuveSikhulume | GitHub: <https://github.com/221807144>

EDUCATION

Cape Peninsula University of Technology

Diploma in ICT: Application Development

Expected Graduation, April 2026

- **Related Coursework:** Data Structures & Algorithms, Graphic User Interface (GUI), Database system, serialization, Object-Oriented Programming.
- **Related Coursework:** PC Hardware & Software, Operating Systems Installation & Troubleshooting, Basic Networking, IT Security, Mobile Devices Maintenance

Secondary Education

Zwelethu Secondary School

Completed 2020

National Senior Certificates (Grade 12)

PROJECTS

Car Voting System

Cape Town, South Africa

Team Leader

2024

- Developed a client-server application where clients voted for their favorite cars; the server communicated with a database.
- Implemented object serialization for saving and retrieving voting data.
- Used Java GUI, JDBC (database), and CRUD operations to manage car entries and votes.

Western-Cape-Application-System

Cape Town, South Africa

Team member

2024

- Developed a Java-based application where students create login accounts and apply for university programs.
- Integrated a results submission feature that calculates the applicant's APS score and dynamically displays eligible courses and the universities offering them.
- Built functionality to suggest bursaries covering selected courses, enhancing financial accessibility for students.
- Automated the generation and sending of confirmation emails with student numbers upon successful application.
- Connected the system to a backend database for secure storage and retrieval of application data, with full CRUD operations.

Task Management

Group Leader

Cape Town, South Africa

Ongoing Project

2025

- Developing a web app using HTML, React (frontend) and Java Spring Boot (backend) for efficient task creation, assignment, tracking, and reporting.
- Implementing user authentication, role-based access, real-time collaboration, and automated reminders to improve team productivity and accountability.
- Building a user-friendly dashboard for clear visibility of tasks, deadlines, and progress.

SKILLS

Technical Skills: Java, JavaScript, HTML/CSS, SQL, JDBC, Client-Server Communication, Object-Oriented Programming (OOP).

Tools: NetBeans, IntelliJ, Visual studio Code

Soft Skills: Team collaboration, Critical thinking, Agile approach, Communication, Time management, Adaptability, problem solving.