



# Mthokozisi Siphesihle Ndlovu

3RD YEAR SOFTWARE ENGINEERING STUDENT | ENTHUSIASTIC ABOUT  
FULL-STACK DEVELOPMENT & AUTOMATION

## Profile

I am a 3rd year student doing a Bachelor of Computing Degree with a Software Engineering stream at Belgium Campus ITversity. I am inclined to software developing with emphasis on building user-centric, automated, effective and efficient software solutions. My interests lie in front-end and back-end technologies, and personal development through collaborative work with peers and seniors, and hands-on projects. As an aspiring software engineer, I am currently seeking internship and project opportunities that can reinforce my understanding of the IT marketplace and technical skills through direct contribution and mentoring from experienced developers.

## Education

### Bachelor of Computing in Information Technology, Belgium Campus

JANUARY 2023 – JANUARY 2026

### Secondary Education, Germiston High School, Johannesburg

JANUARY 2018 – DECEMBER 2022

Highest Grade: Grade 12

## Leadership History

### Outreach HOD, Belgium Campus, Kempton Park, Gauteng, South Africa

JANUARY 2025 – PRESENT

The Outreach Department a subset of Belgium Campus's Student Support Department. It's role is to foster inclusivity, engagement, and memorable experiences for all students, while making a notable change in the surrounding community. We aim to see Belgium Campus turn into a vibrant space that goes beyond academics, a place that is worthy of respect from the students and staff, and a haven for students and people in need. Through initiating thoughtful initiatives aimed at equipping students with social and industry insights, peer connections and philanthropy experience we aim to fulfil this vision.

## Academic Projects

### 1. Dynamic Community Portal Website: Web Programming 381

Technologies: EJS, Bootstrap, Node.js, GitHub

Role: Team lead

Led my team in building a dynamic web application with the above-mentioned technologies. Oversaw and contributed to the integration of frontend and backend aspects, implemented modular routing, dynamic EJS views, and a functional contact form. Used GitHub to manage collaboration and version control, while ensuring clean, maintainable code. Project was run on a localhost server using node.

GitHub: [TryMyLogic/WPR381 Assignment1](#)

## Details

Johannesburg, Gauteng, South  
Africa

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South Africa

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## Links

[LinkedIn](#)

[GitHub](#)

## Skills

Languages: Java, C#, Javascript

Web: HTML, CSS, Express,  
Node.js, EJS

Tools: GitHub, VS Code, IntelliJ,  
NetBeans, Postman

Project Management | Cross  
Functional Leadership | Team  
Collaboration | Problem Solving |  
Quick Learner

## 2.BC Student Wellness Management System: Programming 381

Technologies: Java SE, Servlets, JSP, Swing, Apache Tomcat 9+, PostgreSQL, JavaDb (Derby)

Tools: Git, GitHub, JDBC, NetBeans, IntelliJ

Role: Backend Developer | Java, Servlets, PostgreSQL, JavaDB

Contributed to combining a web-based portal and desktop application in a student wellness management system. Primary focus was on backend development, creating and implementing core functionality using servlets for login and registration while managing seamless integration with PostgreSQL. On the desktop end, I worked with JavaDB to support operations such as appointment bookings and feedback data. Exercised strong understanding of schema design in databases, data validation, session management, with the use of GitHub for version control and collaboration.

GitHub: [reghardduplessis/BC-Wellness](https://github.com/reghardduplessis/BC-Wellness)

## Outreach Initiatives

### Men's Mental Health Hike – Kempton Park Campus

Role: Event Lead

Planned and executed a wellness event aimed at mental health awareness among male students through a 11km hike at Modderfontein Trail. The one-day initiative combined outdoor activities with peer led mental health discussions in a stigma free environment. Main responsibilities included logistical planning, coordination of safety, marketing strategies, and event evaluation. The event created emotional openness, understanding of present stigmas, and student awareness of wellness services.

### Recycling Project – Kempton Park Campus

Role: Initiative Lead

This project is meant to create a cleaner campus but also generate passive income. Briefly, we collect cans on campus, prepare them for recycling, send them for recycling and receive the money from recycling. Key tasks include systems planning, marketing, and organization.