

# Anele Nkayi

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## Professional Summary

Software engineering student with a Diploma in ICT Applications Development and currently pursuing a Bachelor of Computing in Software Engineering at Belgium Campus iTversity. Passionate about software development, automation, backend systems, and solving real-world problems through technology, with hands-on experience building optimization, automation, and business application projects.

## Technical Skills

**Programming Languages:** Python, Java, JavaScript, SQL, C#

**Technologies & Tools:** Power Apps, Power Automate, SharePoint, Git, GitHub, HTML, CSS, .NET

**Databases:** SQL Server, MongoDB

**Core Competencies:** Object-Oriented Programming (OOP), Software Development, Automation, Debugging, Problem Solving, Data Analysis

## Projects

### Automation and Optimization | Python & Excel VBA

- Designed and developed multiple Python and Excel VBA automation solutions for optimization and analytical problem-solving, implementing features such as automated calculations, iterative algorithms, pivot highlighting, debugging, cycle detection, and dynamic Excel-based reporting.

### Incident Management System | Power Apps, SharePoint & Power Automate

- Built a business application for incident reporting and tracking using Power Apps and SharePoint
- Implemented filtering, status tracking, date handling, and automated workflows
- Improved reporting efficiency and streamlined incident management processes

## Experience

### Prodigy InfoTech | Web Developer Intern

February 2024 – March 2024

- Developed multiple interactive frontend web applications including a responsive landing page, stopwatch, Tic Tac Toe game, and weather application using HTML, CSS, and JavaScript, strengthening skills in frontend development, API integration, debugging, and problem-solving.

## Education

### Belgium Campus iTversity

Bachelor of Computing in Software Engineering | 2023 – 2027 (Expected)

### Walter Sisulu University

Diploma in ICT – Applications Development | 2021 – 2023

## Certifications

- Basic Coding & Programming - SAMSUNG INNOVATION CAMPUS
- Artificial Intelligence – SAMSUNG INNOVATION CAMPUS