

# Tshepo Sepeko

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## SUMMARY

Aspiring IT Professional and Software Developer with a strong foundation in software development and practical project experience. Proficient in building applications using C#, ASP.NET, HTML, CSS, SQL, Flutter, Dart, and Firebase. Focused on developing secure, scalable systems and eager to contribute to professional development teams while continuously improving technical expertise.

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## PROJECTS

### Employee Verification System

#### Project Overview

The Employee Verification System is a comprehensive solution designed to verify employees within government entities, eliminating ghost employees and ensuring accurate payroll processing. The system leverages Firebase database, MVC C#, Flutter applications, and RESTful API to provide a seamless and efficient verification process.

#### Key Features

- Secure employee data storage and management using Firebase database
- Real-time verification of employee information through RESTful API
- Mobile application for employees to update and confirm their details (Flutter)
- Web-based dashboard for administrators to manage and monitor employee data (MVC C#)
- Automated ghost employee detection and reporting.
- Role based access and real time authentication.

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## EXPERIENCE

Student Assistant

Feb 2025-Nov

2025

Central University of Technology

Responsible for taking care off the open lab (making sure it is clean and desktop computers are functional also making sure that they are up to standard).

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## EDUCATION

**Higher Certificate:** Information Technology

Central University of Technology

Feb 2022-Dec2022

- Status: Complete
- Majors: User Support, Information Systems (Networking).

**National Diploma:** Software Development

Feb 2023-Dec2025

## Central University of Technology

- Status: In progress from Feb 2023.
  - Majors: Software Development, Technical Programming, Web Development.
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## CERTIFICATIONS

### Introduction to Data Science (Cisco)

- Focused on data gathering, analysis and decision making. Finding patterns in data, through analysis and make future predictions.

### Microsoft 365 (Digital Literacy)

- Focuses on the ability to find, evaluate and communicate information using typing or digital media platforms.

### High Certificate (Information Technology)

- Focuses on foundational knowledge base in the IT field and the ability to apply their knowledge and skills in System Development or the Technical Support field.
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## SKILLS

- Programming Languages (JavaScript, C#, Flutter, Dart, HTML, SQL)
  - IT project management basics
  - Technical Troubleshooting
  - Network Fundamentals
  - Database Manipulation and creation
  - Software Management Plan
  - Website (Content Management System-Joomla)
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## REFERENCES

### Lecturer:

- Mrs. Moloja D Phone: 067 033 1896
- Mr. Mkabane L Phone: 0788675154