

# MKHULULI MOTHA

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✉ Eswatini

📍 Zulwini

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## WORK EXPERIENCE

### IT Systems and Application Developer Officer

#### Status Capital Building Society

📅 Aug 2021 – Current

📍 Zulwini

- Developed and maintained a RESTful API serving front-end users based on dynamic inputs.
- Tested and debugged applications, improving performance and documenting procedures.
- Provided support for the core banking system and gathered business requirements.
- Led the design and implementation of internal software tools.
- Worked with vendors on outsourced system development.
- Provided technical support and ensured robust documentation.
- Designed system security protocols to mitigate potential breaches.

### Systems Developer – Freelance

#### Techlion

📅 Jan 2020 – Current

📍 Remote (Kenya)

- Designed and implemented software solutions tailored to client needs.
- Developed custom tools and led integration with existing systems.
- Provided consultancy on development strategies and technologies.
- Created timelines, project budgets, and participated in architecture planning.

### IT Officer / Systems Developer

#### Bazelel Consultancy

📅 Jun 2016 – Dec 2016

📍 Mbabane

- Maintained IT infrastructure and provided hardware/software support.
- Managed system networks, databases, and communications.
- Led company website development and updates.

## LIFE PHILOSOPHY

*“First, solve the problem. Then, write the code.”*

## MOST PROUD OF



#### Mobile App (iOS & Android)

Used by SCBS customers for mobile banking.



#### SCBS Website

Public website for product showcase and client interaction.



#### System Scripting

Enhanced core banking performance.



#### USSD (\*7227#)

Integrated with MTN for mobile banking.

## STRENGTHS

Hard-working

Persuasive

Leadership

Problem Solving

Computational Thinker

## TECHNOLOGIES & TOOLS

JavaScript

TypeScript

Java

Python

React

React Native

Node.js

Docker

PostgreSQL

MySQL

SQL

Ubuntu Linux

CI/CD

Git

RESTful APIs

## LANGUAGES

English

Siswati



# EDUCATION

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Honors in Applied Data Science: Scientific Computing & Python

**WorldQuant University**

📅 2020

Credly Badge

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B.Sc. in Computer Science & Physics

**University of Eswatini**

📅 Sept 2010 – June 2014

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Certification in Business Entrepreneurship

**University of Eswatini**

📅 Jan 2014 – June 2014

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Diploma in Cyber Security

**Network Walks Academy**

📅 2022

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CCNA 200-301

**Cisco Networking Academy**

📅 2022

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NDG Linux Unhatched

**Cisco Networking Academy**

📅 2021

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Programming Essentials in Python

**Cisco Networking Academy**

📅 2021

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JavaScript Essentials

**Cisco Networking Academy**

📅 2022

# KEY PROJECTS

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## MTN USSD (\*7227#) Integration

### MTN Eswatini

- Developed USSD service for checking balances, MoMo wallet transfers, and loan applications.
  - Integrated MTN APIs with core banking for secure transactions.
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## SCBS Portal

- Built internal portal integrated with banking system to improve staff workflow.
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## Payment Service - SCBS

- Automated scheduled payments with full compliance.
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## Mobile Applications (iOS & Android)

- Developed mobile apps for banking with secure transactions and loan management.
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## Website: [scbs.co.sz](https://scbs.co.sz)

- Developed official website for online engagement and customer service.

## REFERENCES

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### **Nombulelo Simelane**

@ Frontline Supervisor

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### **Sandile Dlamini**

@ Teacher

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### **Miss Ngcamphalala**

@ IT Application Support Officer

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