MKHULULI MOTHA

@ boymotsa@gmail.com   ✉ Eswatini   📍 Zulwini   🌐 mkhululimotha.com   in linkedin.com/in/mkhululi-motha
📞 (+268) 76431551

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

Honors in Applied Data Science: Scientific Computing & Python
WorldQuant University

📅 2020

Credly Badge

B.Sc. in Computer Science & Physics
University of Eswatini

📅 Sept 2010 – June 2014

Certification in Business Entrepreneurship
University of Eswatini

📅 Jan 2014 – June 2014

Diploma in Cyber Security
Network Walks Academy

📅 2022

CCNA 200-301
Cisco Networking Academy

📅 2022

NDG Linux Unhatched
Cisco Networking Academy

📅 2021

Programming Essentials in Python
Cisco Networking Academy

📅 2021

JavaScript Essentials
Cisco Networking Academy

📅 2022

KEY PROJECTS

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.

SpheExpress eCommerce Platform
mkhululimotha.com/spheexpress

- Designed and developed a full-stack eCommerce web application featuring product listings, cart management, secure checkout, and Stripe integration.
- Built with React (frontend), Node.js (backend), PostgreSQL (database), and Prisma ORM.
- Implemented authentication, responsive UI, and admin panel for inventory and order management.
- Hosted and deployed with CI/CD pipelines; optimized for performance and mobile responsiveness.

SCBS Internal Operations Portal

- Designed and developed an internal web-based portal that integrates seamlessly with the core banking system.
- Streamlined staff workflows by automating manual processes such as customer onboarding, account management, and report generation.

Automated Payment Service – SCBS

- Engineered a robust scheduled payment system to ensure timely and compliant loan repayments and internal disbursements.
- Improved operational efficiency by reducing manual intervention and aligning with financial regulations.

Mobile Banking Applications (iOS & Android)

- Built secure mobile banking apps enabling customers to perform balance checks, transfers, and loan requests.
- Ensured compliance with banking-grade encryption standards and optimized UX for both platforms.

Public Website: scbs.co.sz

- Developed and deployed the official corporate website to enhance digital presence and customer engagement.
- Integrated CMS for dynamic content management and implemented analytics for visitor tracking and insights.

REFERENCES

Nombulelo Simelane

@ Frontline Supervisor

✉ nombulelo.simelane@scbs.co.sz

Status Capital Building Society(+268) 76054753

- -

Sandile Dlamini

@ Teacher

✉ sandiledlamini@gmail.com

Mbalenhle Christian Academy(+268) 78290034

- -

Miss Ngcamphalala

@ IT Application Support Officer

✉ ayandangcamphalala@gmail.com

Status Capital Building Society(+268) 76786889