MKHULULI MOTHA

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WORK EXPERIENCE

IT Systems and Application Developer Officer

Status Capital Building Society

📅 Aug 2021 – current   📍 Zulwini

- Worked with product managers from Mtn Eswatini and Status Capital to build a RESTful API that served data to the front-end users's based on user input.
- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency.
- Support the Core-Banking system.
- Gather, document, and analyses business requirements.
- Researching, designing, implementing, testing and managing software programs for SCBS.
- Manage allocated IT responsibilities within agreed budget parameters
- Design the system as per documented business requirements, where development is outsourced, work with contracted vendor to design the system as per documented business requirements
- Providing technical support to SCBS Staff within the Society
- Maintaining and updating technical documents and procedures, Identifying and resolving technical issues.
- Identify weaknesses in the system and develop security breaches prevention initiatives

Systems Developer Consultant

Techlion

📅 Jan 2020 – current   📍 Remote (Kenya)

- Researching, designing, implementing, and managing software programs.
- Analyze the client's business needs, processes, and goals
- Identifying areas for modification in existing programs and subsequently developing these modifications.
- Identify software requirements and potential technology solutions.
- Develop software development strategies that align with the client's business objectives.
- Advise on best practices, methodologies, and tools for software development.
- Create project plans, timelines, and budgets for software projects.
- Help in designing the software architecture and system integration.

IT Officer / Systems Developer

Bazelel Consultancy

📅 Jun 2016 – Dec 2016   📍 Mbabane

- Maintain the Information Systems and to advise on matters relating to Information and Communication Technology.

LIFE PHILOSOPHY

"First, solve the problem. Then, write the code."

MOST PROUD OF

🏆 **Android and IOS Mobile App**
Used by Status Capital Building Society Customers

🏠 **www.scbs.co.sz**
Developed Status Capital Building Society website

📈 **Systems Banking Integration's**
Write script to help the core banking system perform at maximum

☰ **Status Capital USSD (*7227#)**
Developed a USSD with Eswatini Mtn for Status Capital and intergrated with Mtn.
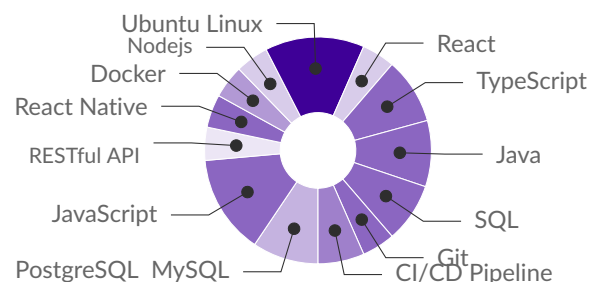
STRENGTHS

Hard-working   Persuasive
Motivator & Leader   Problem Solving
Excellent in computational skills

TECHNOLOGIES & TOOLS

Ubuntu Linux, Nodejs, Docker, React Native, RESTful API, JavaScript, PostgreSQL, MySQL, CI/CD Pipeline, Git, SQL, Java, TypeScript, React

LANGUAGES

English   ●●●●●
Siswati   ●●●●●

- Perform systems, network, communications and data base management and administration.
- To co-ordinate repairs and preventive maintenance of hardware and systems software.
- To design, develop, implement and update the website of the company.

EDUCATION

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

📅 2020

https://www.credly.com/badges/2ae2ac13-ce92-4688-a6fc-b5b61c330c85/public$_url$

B.S. 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

WORKED ON PROJECTS

MTN USSD (*7227#) Integration (MTN Eswatini)

- Developed a USSD service enabling customers to check account balances and transfer funds between savings accounts and MTN MoMo wallets.
- Implemented loan application features, including payday loans, via USSD.
- Integrated MTN APIs with the core banking system for secure financial transactions.

SCBS Portal

- Developed an internal staff portal to streamline workflows.
- Integrated with the core banking system to extend functionalities required by the society.

Payment Service - SCBS

- Built a payment service to automate scheduled customer payments.
- Ensured compliance with financial processing requirements, including relevant charges.

Mobile Applications (iOS Android)

- Developed Android and iOS mobile banking applications, available on Google Play Store and App Store.
- Enabled users to check balances, view transactions, and transfer funds between savings accounts and MoMo wallets.
- Implemented loan applications and detailed loan statements within the app.
- Prioritized security in mobile application development.

Website (scbs.co.sz)

- Developed and launched the official website to enhance the society's online presence.
- Showcased the organization's products and services for customer engagement.

REFERENCE

Nombulelo Simelane

@ FRONTLINE SUPERVISOR

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