Curriculum Vitae of Sipho Paulos Skosana

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Professional Profile

Recent Bachelor of Science with Computer Science and Electronics graduate from North-West University with passion for problem-solving and hands-on experience in software development, networking, and cybersecurity. Enthusiastic about learning and applying technical skills in real-world scenarios. Eager to contribute and grow through an internship opportunity. Committed to continuous growth and ready to contribute to innovative Computer Science solutions at Manisa Consulting In partnership with Microsoft.

Education

Bachelor of Science with Computer Science and Electronics

North-West University

Graduated: 07 May 2025

Technical Skills

- Microsoft Tools: Word, Excel, PowerPoint, Outlook, Teams.
- Programming: C++, Python, Java, JavaScript, HTML, CSS, Assembly
- Tools & Frameworks: NetBeans, Code::Blocks, Visual Studio Code, Git (Self-taught), Node.js.
- Web Development: Developed various academic project and side projects.
- Networking: Implemented firewall rules using IPv4, basic routing.
- Database: Experience working with SQL in a group database project.
- Cybersecurity: Completed a one-week online cybersecurity course and earned a certificate.
- Operating Systems: Familiar with microprogramming, file system, Inter-process communication.

Projects

Library Management System- 'Library Ease'

- Collaborated with a teammate to design and build the system c++.
- Handled front-end development using the Code::Blocks features.

Landing Page

- Designed a responsive website using the HTML and CSS.

Weather App

- Built a responsive weather application using HTML, CSS, and JavaScript.
- Fetched live data using an API and displayed it dynamically.

Firewall Rule Implementation

- Created and tested firewall rules for basic security scenarios using IPv4.

Certifications

- Cybersecurity Certificate (One-week online course).

Personal Traits

- Self-Motivated and eager to learn.
- Excellent problem-solving skills.
- Works well independently and in terms.
- Strong communication and attention to details.
- Ready to relocate or work hybrid.

References

Available on request.