ROSE TEBOGO NDHLOVU

IT ENTHUSIAST

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Tech enthusiast with a passion for software development and network and Infrastructure field! I love using my technical skills and creativity to solve problems and deliver awesome web experiences, all while keeping infrastructures & networks running smoothly. With a solid background in System Development, I thrive working with collaborative teams and can't wait to bring my energy and enthusiasm to a dynamic, forward-thinking environment that embraces innovation and growth.

SKILLS

Time management	Attention to detail	Problem-solving
Teamwork	Communication	Flexibility

PROFESSIONAL EXPERIENCE

Network & Infrastructure Intern at Data Sciences Corporation   Jan 2024 - Present

I am skilled in setting up and managing virtualized environments using VMware, Hyper-V, Microsoft Azure, and VirtualBox. My expertise includes:

- **Virtualization**: Skilled in setting up virtualization labs, configuring VMware Player and ESXi, and managing virtual machines (VMs) with Linux and Windows across Hyper-V and VirtualBox.
- **Microsoft Endpoint Configuration Manager (SCCM**): Skilled in building and configuring IT labs for SCCM experimentation, including installation and configuration from scratch, managing users, creating boundary groups, and implementing discovery methods using the Configuration Manager Console.
- **Windows Environments**: Proficient in creating and managing user identities and groups, configuring device authentication, and deploying applications through Intune. Experienced in provisioning Windows 10 and Server 2019 VMs.
- **Network Configuration and Troubleshooting**: Experienced with Packet Tracer for configuring and troubleshooting networks, including DHCP configuration, network diagnostics with ipconfig and ping, setting up Local Area Networks (LANs), and configuring wireless routers. Skilled in connecting devices to web servers and monitoring network traffic.
- **Worked with tools** such as Putty and Packet Tracer to diagnose network issues.

Junior QA Tester (Part-time)   Jan 2024- Aug 2024

- Worked on the Yoyo API system, which provides digital gifts and rewards through a single API, redeemable at over 15,000 stores. The API supports loyalty programs, incentives, and more, offering control over digital gifts and rewards.
- **Manual Testing**: Conducted thorough manual testing of the API, ensuring functionality and reliability.
- **Test Case Management**: Developed and wrote detailed test cases to cover various scenarios.
- **Execution and Reporting**: Executed test runs, documented results, and generated comprehensive reports.
- **Documentation**: Organized and maintained test folders and all relevant documentation to track testing progress and outcomes.
- **Tools used**: Testomat.io and Jira

Web Developer Intern at CodSoft   Nov 2023 - Jan 2024

- Applied HTML, CSS, and JavaScript to turn design mockups into functional websites.
- Worked on understanding project requirements and deliver solutions within specified timelines.
- **Tools used**: VS Code and Github

Web/App Development Bootcamp at Mlab   **Feb 2023 - Apr 2023**

- Applied HTML, CSS, and JavaScript to turn design mockups into functional websites.
- Gained practical experience with framework technologies like React & Node.
- Worked on understanding project requirements and deliver solutions within specified timelines.
- Worked together with the development team to create user interfaces that were both responsive and visually appealing.
- **Tools used**: VS Code and GitHub

Software Engineer Bootcamp at Shecodes.io   **Oct 2022 - Oct 2023**

- Applied HTML, CSS, and JavaScript to turn design mockups into functional websites.
- Gained practical experience with f technologies like React & node.
- Developed a strong foundation in software engineering principles, including data structures, algorithms, and object-oriented programming (OOP).
- Participated in code reviews, testing, and debugging to ensure high-quality, maintainable software.
- **Tools used**: VS Code and GitHub

EDUCATION

Higher National Certificate in Information Technology   **Apr 2024 - Oct 2025**
QCTO Accredited

- Major in Computer Technician.

Further Education & Training in Information Technology   **Mar 2021 - Mar 2022**
MICT SETA Accredited

- Major in System Development.

National Senior Certificate | Matric   **Jan 2018 - Nov 2018**
Motse Maria High School

- Obtained high school Diploma

TECHNICAL SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Python, C
- **Web Development**: ReactJS, Bootstrap, Responsive Design
- **Tools & Technologies**: Git, GitHub, Visual Studio Code, AWS, Microsoft Azure, VMware, Jira, Testomat.io
- **Operating Systems**: Windows, Linux (Ubuntu)
- **Networking & Infrastructure**: Microsoft Hyper-V, Packet Tracer, Wireshark

ADDITIONAL INFORMATION

- **Certifications:** AWS Knowledge: Cloud Essentials & Cloud Practitioner - AWS | Cyber Threat Management - CISCO | Introduction to Cybersecurity - CISCO | Endpoint Security - CISCO | Network Addressing and Basic Troubleshooting - CISCO | Network Support and Security - CISCO | Networking Basics - CISCO | Network Devices and Initial Configuration - CISCO | Business Communications - Masterskills | Microsoft Modern Windows Desktop Admin course with SIMS Udemy | Microsoft SCCM/Endpoint Configuration Manager for Beginners | Complete VMWare vSphere ESXi and vCenter Administration | Programming in Python - Meta | Version Control - Meta | Introduction to Back-End Development - Meta | Introduction to Front-End Development - Meta | Responsive Web Design - freeCodeCamp | Web Development - SheCodes.io

- **Extracurricular Activities:** Web/App Development, Mlab, Led a team in the development of a live web project, honing leadership and collaboration skills. Facilitated effective teamwork through GitHub, ensuring that each member contributed to the project.

- **Professional Development:** I participated in Shecodes.io, Women In Tech Africa, Girlcode workshops on professional growth, networking, and technical skill enhancement. And engaged in continuous learning through online courses.