

FHUMULANI SETJIE

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CAREER OBJECTIVE

Dedicated Communication Networks student with expertise in network protocols and simulation tools, seeking to contribute to secure and efficient network solutions.

Eager to apply hands-on experience in network troubleshooting and configuration to support innovative connectivity projects.

PROJECT EXPERIENCE

Campus WiFi Optimization Project, Cape Peninsula University of Technology

Jan 2023 - Oct 2023

Led a team of 3 to troubleshoot WiFi connectivity issues, reducing connection drops by 30% for 500+ campus users through optimized router configurations.

Utilized Cisco Packet Tracer to simulate and enhance network performance, implementing VLANs for improved security.

Collaborated with team members to document solutions, strengthening teamwork and communication skills.

Network Configuration Simulation, Cape Peninsula University of Technology

Mar 2024 - May 2024

Configured a small-scale LAN using Cisco Packet Tracer, setting up IP addressing, DHCP for a simulated office network.

Tested network connectivity and resolved configuration errors, improving understanding of TCP/IP and DHCP protocols.

Presented configuration process to class, enhancing technical presentation skills.

LEADERSHIP ACTIVITIES

Peer Study Group Facilitator, Cape Peninsula University of Technology

Feb 2023 - Present

Coordinated weekly study sessions for 5-7 Communication Networks students, discussing network protocols and troubleshooting techniques.

Encouraged group collaboration, fostering teamwork and problem-solving skills.

EDUCATION

Diploma in ICT: Communication Networks, Cape Peninsula University of Technology
Jan 2023 - Present

Pursuing with a 75% average, specializing in network design, protocols, and security.

National Senior Certificate, Modilati Secondary School
Jan 2021 - Dec 2021

Achieved a 67% average.

ADDITIONAL INFORMATION

Technical Skills:

Networking Protocols: TCP/IP, DNS, DHCP, HTTP, FTP, SSH

Security: Firewalls, Encryption

Tools: Cisco Packet Tracer, Wireshark, Kali Linux

Programming: Java (basic scripting for network automation)

Soft Skills:

Leadership: Guided team in WiFi optimization project and facilitated study groups.

Teamwork: Collaborated effectively in academic projects and peer discussions.

Problem-Solving: Diagnosed and resolved network connectivity issues.

Communication: Presented technical solutions to peers and faculty.

Certifications:

Cisco Introduction to Cybersecurity Certificate

Cisco Computer Hardware Basics Certificate

Networking Devices and Initial Configuration Certificate

References:

Ms. KN Mchunu, Mentor, 0660202597

Mr. Moseja, Teacher, Modilati Secondary School, 0783350545