



IDENTIFICATION

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FOA Verification: bcert.me/suuveesoe

PROFESSIONAL SUMMARY

IT Support and Network Administration professional with hands-on experience supporting enterprise network infrastructure in a healthcare environment. Skilled in network troubleshooting, LAN/WAN technologies, routing and switching fundamentals, Windows Server administration, structured cabling, fiber optics, VoIP systems, and end-user support. Holds an Advanced Professional Diploma in Server & Network Administration and industry certifications from Cisco, Fortinet, and CommsLearning. Currently expanding expertise in Cisco networking and enterprise infrastructure while pursuing opportunities to grow into network administration, systems administration, and network engineering roles.

CORE COMPETENCIES

Network Administration • Infrastructure Support • Systems Administration • Technical Support • Network Troubleshooting • LAN/WAN Technologies • Routing & Switching Fundamentals • Windows Server Administration • Structured Cabling • Fiber Optic Technologies • VoIP Support • Active Directory • Cybersecurity Fundamentals • Network Automation (Python) • End-User Support

PROFESSIONAL EXPERIENCE

IT Trainee – Pacific International Hospital (Dec 2025 – Jun 2026)

- Provide technical support to end users in a healthcare environment.
- Assist with network troubleshooting and connectivity issues.
- Support and maintain network switches and related infrastructure.
- Perform structured cabling installation and troubleshooting.
- Assist with CCTV system support and maintenance.
- Support VoIP telephony systems and user connectivity issues.

Freelance IT Technician | 2019–Present

- Diagnose and repair desktop and laptop hardware issues.
- Install, configure, and troubleshoot Windows operating systems.
- Perform malware detection, removal, and system optimization.
- Provide mobile device setup and technical support.
- Deliver customer-focused technical assistance and troubleshooting services.

PROJECTS & TECHNICAL LABS (GitHub)

ShikaNet V9 – Network Automation Platform (Latest)

[ShikaNet-Python-Network-Automation-Platform](#)

- Developed a Python-based network automation platform with a modern GUI (ttkbootstrap)
- Integrated SSH automation using Netmiko for Cisco device management
- Implemented logging, reporting, and system monitoring features
- Packaged application into a standalone executable (.exe) using PyInstaller
- Designed modular architecture for scalable feature expansion
- Demonstrates full-stack network automation tool development

Enterprise VLAN Segmentation & VoIP Network Design Lab (Cisco Packet Tracer)

[Enterprise-VLAN-Segmentation-VoIP-Network-Design-Lab-Cisco-Packet-Tracer-](#)

- Designed an enterprise-style network with VLAN segmentation for structured traffic isolation
- Configured inter-VLAN routing to simulate real corporate network communication
- Integrated VoIP services into the network design to simulate voice-enabled enterprise environments
- Demonstrates enterprise LAN design, VLAN architecture, and converged voice + data networking

Enterprise Multi-Site BGP WAN Design (Cisco Packet Tracer)

[Enterprise-Multi-Site-BGP-WAN-Design](#)

- Designed and implemented a multi-site enterprise WAN using Cisco Packet Tracer with BGP routing across multiple autonomous systems
- Configured eBGP peering between ISP (AS65000) and four branch sites to enable inter-domain routing and full network connectivity
- Implemented IPv4 addressing scheme with WAN /30 links and LAN /24 segmentation for structured network design
- Configured DHCP services on branch routers to provide automatic IP addressing for end devices
- Verified network operation through BGP neighbor adjacency, routing table analysis, and end-to-end connectivity testing

Windows Server Active Directory Lab

[Active-Directory-Home-Lab](#)

- Configured Active Directory users, groups, and permissions
- Installed and configured Windows Server in a virtualized environment
- Simulated enterprise identity and access management system

PROJECTS IN PROGRESS

- CCNA (Cisco Certified Network Associate) preparation using Packet Tracer and GNS3
- Ongoing enhancements to ShikaNet V9 network automation platform

EDUCATION & QUALIFICATIONS

Advanced Professional Diploma in Server & Network Administration – Datec Learning Center (2024-2026)

High School Certificate – Port Moresby International School (2019)

Completed Grade 10 and Grade 12

CERTIFICATIONS

- Fiber Optic Technician Certification – CommsLearning
- Cable Premises Technician Certification – CommsLearning
- Fortinet Certified Fundamentals – Fortinet
- Networking Basics – Netcad
- Networking Devices and Initial Configuration – Netcad
- Networking Devices and Basic Configuration – Netcad
- Network Addressing & Basic Troubleshooting – Netcad

- Cyber Threat Management - Netcad
- Endpoint Security – Netcad
- Network Defence – Netcad
- Introduction to Cybersecurity – Netcad
- Network Support and Security – Netcad
- Microsoft AI Skills Fest – Participation
- Network Technician Career Path – Netcad
- Junior Cybersecurity Analyst Career Path – Netcad

PROFESSIONAL DEVELOPMENT

- Currently preparing for Cisco Certified Network Associate (CCNA) certification
- Currently preparing for CompTIA Network+ certification
- Completing Cisco Certified Network Technician (CCNT) pathway
- Continuously developing practical networking skills through GNS3 and Cisco Packet Tracer labs
- Fiber optic and Cable Premises Technician training (CommsLearning)
- Participating in Microsoft AI Skills Fest training and learning activities

HOBBIES

- Network automation and coding projects
- Learning new networking technologies
- Technology research and lab simulations
- Continuous learning through technical documentation and online training

TECHNICAL SKILLS

Networking: TCP/IP, OSI Model, Routing & Switching, OSPF, VLANs, Trunking, Inter-VLAN Routing, Spanning Tree Protocol (STP), Subnetting, DHCP, DNS

Network Automation & Scripting: Python (Netmiko, CLI automation), Basic Bash concepts, JavaScript, C/C++

Systems Administration: Windows Server, Active Directory, User & Group Management, Basic Group Policy (GPO), System Configuration

Network Infrastructure: Fiber Optics, Structured Cabling, LAN/WAN Design, Switch Configuration, Router Configuration, Network Topologies

Cybersecurity Fundamentals: Network Security Basics, Endpoint Security, Firewall Concepts, Access Control, Threat Awareness

Virtualization & Lab Tools: GNS3, Cisco Packet Tracer, Basic VMware Concepts

IT Support: Hardware Troubleshooting, Software Installation & Support, End-User Support, Device Configuration, Malware Removal

REFERENCES

Attached: 2 professional reference letters