

YUGAL KOJU

Network Engineer | Network Technician

Ontario, Canada • yugalkoju108@gmail.com • +1 249-591-9684 • linkedin.com/in/yugal-koju-03223472 • github.com/ug-koju

SUMMARY

CCNA and CompTIA Security+ certified Network Technician with 2+ years of hands-on IT experience supporting 50+ users. Skilled in routing, switching, VLANs, VPNs, and firewall configuration, with enterprise-scale lab design experience across 1,000+ simulated endpoints. Currently expanding into cloud networking, network automation (Python, Ansible), and CCNP-level technologies, with a long-term focus on network security and building resilient infrastructure.

TECHNICAL SKILLS

Networking Fundamentals: OSI & TCP/IP, IPv4 subnetting, VLANs & switching (STP, LACP), OSPF/EIGRP/BGP, DNS/DHCP, NAT/PAT, wireless (WLC)

Network Operations & Security: Cisco IOS configuration, structured troubleshooting & documentation, Syslog monitoring, ACLs & firewall rules (Cisco ASA), IPsec VPNs, AAA (RADIUS/TACACS+, 802.1X), Wireshark

Cloud & Infrastructure: Azure VNet, VPN Gateway, hybrid networking & ExpressRoute, Windows Server & Active Directory, Group Policy (GPO), VMware, Linux

Network Automation: Python (Netmiko, NAPALM), Ansible playbooks, YAML/Jinja2 templating, REST APIs, Git, Bash, PowerShell

Professional Skills: Technical documentation, customer & end-user support, problem-solving, cross-team communication, teamwork

CERTIFICATIONS

CompTIA Security+ • Cisco Certified Network Associate (CCNA) • Fortinet Certified Associate in Cybersecurity • Fortinet FortiGate 7.6 Operator

PROJECTS

Enterprise WAN Design — github.com/ug-koju/Enterprise-WAN-Design

- Designed a multi-site WAN for 500+ endpoints across 10+ VLANs using GRE-over-IPsec with OSPF routing; deployed Cisco ASA firewalls with ACLs, NAT, DMZ, and 802.1X port security.

Enterprise LAN Design — github.com/ug-koju/Enterprise-LAN-Design

- Built a three-tier LAN (Core / Distribution / Access) supporting 1,000+ endpoints; implemented HSRP and LACP for high availability plus dual-ISP failover.

Network Configuration & Troubleshooting Labs

- Configured and troubleshooted Cisco routers and switches in Packet Tracer and Boson Labs; resolved Layer 2 issues (VLAN/STP misconfigurations) and validated fixes with Wireshark packet capture.

Windows Server Deployment

- Deployed a Windows Server 2025 Domain Controller (AD, DNS, DHCP) for 250+ users; implemented 10+ GPO security policies and managed the full AD user lifecycle.

PROFESSIONAL EXPERIENCE

IT Support Technician — Sahara Rastriya Vidhyalaya, Bhaktapur, Nepal

Jun 2021 – Aug 2023

- Resolved 10–15+ IT incidents per week across desktops, laptops, and printers for 50+ users, most same-day.
- Diagnosed LAN, Wi-Fi, DNS, and DHCP connectivity issues; performed preventive maintenance on 30+ endpoints.
- Managed Active Directory accounts and permissions for new and existing staff.

Assistant Manager — Northern Himalayan Cafe, North Bay, ON

Jun 2025 – Apr 2026

- Coordinated daily operations and resolved issues under time pressure across a small team.
- Strengthened documentation, multitasking, and customer-service skills directly transferable to IT support.

Sales Associate — Home Depot, North Bay, ON

Apr 2026 – Present

- Support customers and manage inventory lookups across Hardware, Electrical, and Plumbing departments using store computer systems.

EDUCATION

Post Graduate Diploma, Cybersecurity — Canadore College, ON

2025

Post Graduate Diploma, Business Management — Canadore College, ON

2024

Bachelor of Arts — BMIDU, India

2017