

Lakshika Hemamala

Network Engineer | Routing, Switching & Firewall Specialist

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PROFESSIONAL SUMMARY

Network Engineer with 5+ years of experience implementing, monitoring, and troubleshooting enterprise LAN, WAN, Wi-Fi, VPN, and firewall environments. Skilled in Cisco routing and switching, Fortinet firewalls, VLAN design, network security, IP addressing, monitoring, and structured incident resolution. Strong focus on stable connectivity, documentation, change control, and service availability.

CORE TECHNICAL SKILLS

Cisco Routing & Switching | VLAN | STP | OSPF | BGP Basics | FortiGate | VPN | NAT | ACL | Wireless LAN | PRTG | Zabbix | Wireshark | TCP/IP | DNS | DHCP | Linux Networking

PROFESSIONAL EXPERIENCE

Network Engineer - SouthLink Communications, Colombo

- Configured and maintained Cisco switches, routers, VLANs, trunks, inter-VLAN routing, access lists, and WAN links for corporate clients.
- Managed FortiGate firewall policies, site-to-site VPN tunnels, SSL VPN access, NAT rules, and traffic inspection profiles.
- Reduced recurring network incidents by standardizing change documentation and improving monitoring thresholds.
- Performed packet captures and root cause analysis for latency, packet loss, DNS, routing, and firewall issues.

Junior Network Administrator - OceanTech Services, Galle

- Supported LAN cabling, switch port configuration, DHCP reservations, Wi-Fi access points, and user connectivity issues.
- Maintained network inventory, IP address allocation sheets, diagrams, backup configurations, and incident records.
- Assisted in branch network rollouts including firewall setup, ISP coordination, and connectivity testing.

SELECTED NETWORK PROJECTS

Branch Office VPN Rollout

Implemented secure FortiGate site-to-site VPN connectivity for six branch offices with documented failover and validation procedures.

Campus VLAN Redesign

Redesigned VLAN segmentation for departments, guest Wi-Fi, printers, and servers to improve security and broadcast control.

EDUCATION

BSc in Network Engineering - NSBM Green University, 2019

G.C.E. Advanced Level - Technology Stream, Richmond College, Galle

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

Fortinet NSE 4 - Network Security Professional

CompTIA Network+

TOOLS & PRACTICES

Network documentation, change management, configuration backups, monitoring

Firewall rule reviews, VPN support, incident response, packet analysis

IP planning, hardware inventory, ISP coordination, availability reporting

LANGUAGES

English - Professional Working Proficiency

Sinhala - Native