# Tharindu Madushan

## Network Engineer | Enterprise Network Operations Specialist

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## PROFESSIONAL SUMMARY

Network Engineer with 4+ years of experience in enterprise network operations, data center connectivity, firewall
administration, wireless support, monitoring, and incident management. Skilled in Cisco, MikroTik, Fortinet, TCP/IP
troubleshooting, VPN, VLAN segmentation, routing protocols, network documentation, and service restoration. Strong
ability to work under pressure during outages and planned changes.

## CORE TECHNICAL SKILLS

Cisco | MikroTik | FortiGate | LAN/WAN | VLAN | Routing | Switching | OSPF | Static Routing | VPN | Firewall Policies |
**NAT | DHCP | DNS | PRTG | SolarWinds | Wireshark | Fiber & UTP Troubleshooting**

## PROFESSIONAL EXPERIENCE

**Network Engineer – IslandNet Enterprise Services, Colombo**

**Nov 2021 – Present**

- Configured switches, routers, firewalls, VPN connectivity, VLAN segmentation, access ports, trunks, and routing for
enterprise clients.
- Monitored network availability using PRTG and SolarWinds, responding to link failures, high utilization, packet loss, and
device alerts.
- Prepared network diagrams, change plans, configuration backups, and post-change verification reports.
- Troubleshot connectivity issues across ISP links, branch routers, wireless controllers, firewalls, and core switches.

**IT Network Support Executive – Wayamba Business Systems, Kurunegala**

**Aug 2019 – Oct 2021**

- Supported office networks, structured cabling, IP phones, wireless access points, user devices, and printer connectivity.
- Maintained DHCP scopes, DNS records, network inventory, patch panel records, and device configuration files.

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- Assisted senior engineers during firewall upgrades, firmware updates, branch installations, and ISP escalations.

## SELECTED NETWORK PROJECTS

**Data Center Switch Migration**

Assisted migration from legacy switches to a redundant core switching setup with planned cutover, port mapping, and rollback
procedure.

**Wireless Coverage Improvement**

Performed AP placement review, channel adjustments, SSID segmentation, and roaming validation for a multi-floor office
network.

## EDUCATION

Higher National Diploma in Network Technology – Sri Lanka Institute of Advanced Technological Education, 2019

**G.C.E. Advanced Level – Technology Stream, Maliyadeva College, Kurunegala**

## CERTIFICATIONS

**Cisco Certified Network Associate (CCNA)**

**MikroTik Certified Network Associate (MTCNA)**

**Fortinet NSE 3 Network Security Associate**

## TOOLS & PRACTICES

Network monitoring, incident escalation, outage communication, preventive maintenance

**Configuration backup, change control, rack documentation, cable labeling**

Firewall policy checks, VPN validation, bandwidth review, root cause analysis

## LANGUAGES

**English – Professional Working Proficiency**

**Sinhala – Native**

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