

Network Engineer

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Summary

Network engineer with seven years designing and operating enterprise LAN and WAN infrastructure on Cisco and Juniper, expert in BGP, OSPF, and firewall policy, with a track record of high uptime across multi-site networks.

Experience

Network Engineer, Continental Network Services

2020 – Present

City, ST

- Maintained 99.99% network uptime across 14 sites by redesigning redundant BGP peering and failover paths.
- Reduced inter-site latency 38% by re-engineering OSPF areas and replacing an oversubscribed MPLS link.
- Segmented the corporate LAN into 30 VLANs, containing a malware outbreak to a single subnet.
- Deployed and tuned Palo Alto firewall policies, cutting unauthorized-access alerts 52%.
- Automated switch configuration with Ansible, dropping new-site provisioning from three days to four hours.
- Led a campus Wi-Fi refresh covering 600 access points that raised client throughput 2.5x.
- Resolved a recurring BGP route-flap that had caused monthly outages, eliminating the incident entirely.

Network Administrator, Highland IT Infrastructure

2017 – 2020

City, ST

- Managed 120 Cisco switches and routers across three data centers with documented change control.
- Cut mean time to repair on network incidents from 95 minutes to 32 by standardizing monitoring with SolarWinds.
- Migrated 40 sites to a new VPN concentrator with zero unplanned downtime during cutover.
- Configured QoS policies that prioritized VoIP traffic and eliminated call-quality complaints.
- Documented the full network topology and IP scheme, ending years of tribal-knowledge dependency.
- Patched and hardened network devices on a quarterly cycle, closing 100% of flagged CVEs on schedule.

Education

Bachelor of Science in Information Technology

2013 – 2017

State University — City, ST

Certifications & Licenses

Cisco CCNA · Cisco CCNP Enterprise

Skills

Cisco routing and switching · BGP · OSPF · VLANs and segmentation · Firewall administration · Network monitoring · VPN and tunneling · QoS · Network automation (Ansible) · Wi-Fi engineering · Subnetting and IP planning · Packet analysis