SIVANATH M

NETWORK ENGINEER

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SIVANATH M
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OBJECTIVE

Aspiring Network Engineer with a strong foundation in networking protocols, routing, and troubleshooting. Adept at configuring network infrastructure, optimizing performance, and ensuring security. Passionate about learning and contributing to network maintenance and security in a dynamic environment.

ACADEMICS

Diploma Electronics and Communication Engineering
Percentage - 80%
IRT Polytechnic College **2023**

HSC
Percentage - 85.3%
St. Xavier's Higher.Secondary.School **2021**

SSLC
Percentage - 76.8%
St. Xavier's Higher.Secondary.School **2019**

CREDENTIAL

- Cisco Certified Network Associate (CCNA) – Elysium Academy
- Cloud Computing Certification – Elysium Academy

TECHNICAL SKILLS

- **Networking Fundamentals :** Strong understanding of networking fundamentals, including TCP/IP, OSI Model, subnetting, supernetting, ARP, DHCP, and DNS
- **Routing Protocols :** Knowledgeable in routing protocols such as RIP, OSPF, BGP, and EIGRP for efficient network operations.
- **Switching Concepts :** Hands-on experience with VLANs, Trunking, and Spanning Tree Protocol (STP).
- **Network Security :** Understanding of ACLs (Access Control Lists) and NAT (Network Address Translation).
- **Operating Systems :** Proficient in Linux and Windows Server environments.
- **Networking Tools :** Familiar with Wireshark, Cisco Packet Tracer for network design, simulation, and troubleshooting.

Additional Tools & Technologies

- **Ping :** Basic network connectivity tool for verifying communication between devices.
- **Tracert/Traceroute :** Network diagnostic tool for determining the path packets take across the network and identifying potential bottlenecks or failures.
- **MRTG :** Network monitoring tool used for graphing and analyzing the performance and traffic of network devices over time.
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INTERNSHIP

Intern, Network Support
[Company Name], [Location]
Duration: [Start Date] – [End Date]

- Assisted in running ping and tracert commands to troubleshoot connectivity issues and perform route path analysis.
- Used MRTG to monitor network traffic and ensure the network met performance and bandwidth requirements.
- Collaborated with the team to troubleshoot latency issues and identify problems in the network infrastructure using diagnostic tools.

PROJECT

DHCP Configuration :

Tools : Cisco Packet Tracer

- Configured a DHCP server on a Cisco router to automate IP address assignment across multiple devices in a simulated network.
- Set up DHCP pools with IP ranges, subnet masks, and gateway information for various VLANs.
- Configured ip helper-address to relay DHCP requests across VLANs.
- Implemented static IPs for key devices and dynamic addressing for clients.
- Tested and troubleshot DHCP functionality to ensure proper IP assignment and network connectivity.

ACL Configuration :

Tools : Cisco Packet Tracer

- Configured standard and extended ACLs on Cisco routers to control traffic flow and enhance network security.
- Created ACL rules to permit or deny specific IP addresses or subnets from accessing network resources.
- Applied ACLs to router interfaces to restrict access to certain network segments based on security policies.
- Tested ACL configurations to ensure proper traffic filtering and access control across the network.
- Implemented ACL logging for monitoring and troubleshooting security events.