

VIKRAM VISOWANATHAN

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POSITION Systems Engineer/Network Administrator

PROFESSIONAL SUMMARY

Experienced Systems Engineer and Network Administrator proficient in Cisco Routers and Switches, LAN & WAN Routing, Static Routing, and Dynamic Routing Protocols (OSPF, EIGRP, BGP). Skilled in switch configuration, VLANs, Inter-VLAN routing, and STP. Expert troubleshooter for workgroup and domain networks, adept at file sharing and network infrastructure design. Proficient in server roles, DHCP, DNS, with basic knowledge of Python, PHP, and databases. Strong background in Bill of Materials creation, CATIA V5, and technical drawings. Cisco Certified Network Associate (CCNA) with hands-on experience in Cisco hardware.

WORK HISTORY

CCNA INTERN 06/2023 to 09/2023

IBIS , Palakkad, India

- **Network Configuration and Maintenance:** Proficiently managed Cisco routers and switches, gaining hands-on expertise with various hardware models. Ensured optimal network performance and reliability.
- **Network Optimization:** Contributed to the implementation of VLANs, Inter-VLAN routing, and Dynamic Routing Protocols (OSPF, EIGRP, BGP), enhancing network segmentation, efficiency, and optimizing routing tables.
- **Network Troubleshooting and Security:** Played a pivotal role in monitoring, diagnosing, and resolving network issues. Implemented security measures such as Access Control Lists (ACLs) and Port Security to enhance network security and access control.
- **Automation and Documentation:** Gained practical experience in deploying basic Python scripts for network automation and monitoring. Assisted in documentation tasks, including the creation of technical drawings, schematics, Bill of Materials (BOM), and project reports.

JUNIOR ENGINEER 06/2022 to 05/2023

INTELIZIGN LIFECYCLE SERVICES PVT LTD, Bengaluru, Karnataka, India

- Designed and modeled wiring harnesses for trucks using Catia V5 and EZ Wiring, ensuring functionality and safety while adhering to project timelines and quality standards.
- Proficient in CAD software, including Catia V5 and EZ Wiring, for creating detailed CAD drawings and Bill of Materials (BOM), collaborating with senior engineers for precision
- Gained valuable project management experience, utilizing tools like Microsoft Excel, Office, and Power BI for data analysis and reporting, and actively contributing to successful project outcomes.

ASSOCIATE TRAINEE ENGINEER 06/2021 to 04/2022

SEOYON E-HWA SUMMIT AUTOMOTIVE INDIA PVT LTD, Tamil Nadu, India

- Conducted rigorous quality inspections on automotive paint applications, utilizing precision measurement tools to assess thickness, adhesion, and color consistency to meet industry standards and specifications.
- Compiled detailed inspection reports and documentation, participated in cross-functional teams to address quality issues, and trained new team members on quality control procedures and safety protocols.
- Supported the development of standard operating procedures (SOPs) and collaborated with suppliers to ensure the timely delivery of high-quality paint and coating materials, maintaining a secure work environment.

SKILLS

Networking:

- Cisco Routers and Switches (1700, 1800, 2621, 2821, 3725, 7206 series, 1900, 2900, 2960G, 3750 series)
- LAN & WAN Routing, Static Routing
- Dynamic Routing Protocols (OSPF, EIGRP, BGP)
- VLAN Configuration and Management
- Inter-VLAN Routing
- STP (Spanning Tree Protocol)
- DHCP (Dynamic Host Configuration Protocol)
- DNS (Domain Name System)
- Network Troubleshooting
- Workgroup and Domain Network Management

Security and Infrastructure:

- Network Security (ACLs, Port Security)
- IPv4 Subnetting and Supernetting

- Routing Configuration and Access Lists

- Network Address Translation (NAT)

- Virtual LANs (VLANs)

- Ethernet Communication and Devices

Programming and Databases:

- Python (Basic)

- PHP (Basic)

- Database Management (Basic)

Design and Documentation:

- Product Design (CATIA V5)

- Technical Drawings and Schematics

- Bills of Materials (BOM)

- Project Report Generation

CERTIFICATIONS • Cisco Certified Network Associate CCNA (Local institution)

EDUCATION

Bachelor of Engineering : Mechanical Engineering, 06/2021

Anna University - Chennai

- **Grade/Cumulative GPA:** First Class with a CGPA of 7.77

- **Research Project:** Mode 1 fracture toughness analysis of phoenix sylvester filler reinforced polymer composites.

Higher Secondary : 04/2017

MES Higher Secondary School - Palakkad

- **Grade/Cumulative GPA:** First Class with 65%

High School : 03/2015

St. Thomas Higher Secondary School - Palakkad

- **Grade/Cumulative GPA:** First Class with 76%

LANGUAGES

English

Bilingual or Proficient (C2)

Malayalam

Bilingual or Proficient (C2)

Hindi

Intermediate (B1)

Tamil

Intermediate (B1)

Kannada

Beginner (A1)

DECLARATION

I hereby declare that the above information is true to my knowledge.