CV 

 **CSCO13289406**

Karthik Duggani

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**Professional Summary:-**

Network Engineer with 3.5 years comprehensive experience in network implementation, end-to-end Network Infrastructure (LAN & WAN), also having hands on experience of managing & troubleshooting Cisco Switches, Cisco Routers, Cisco ASA firewalls, Palo Alto firewall, Cisco ACS.

**Education**

**Osmania University (2018-2020)**

M.B.A (HRM)

**Nishitha Degree College (2013-2106)**

B.Sc (M.S.Cs) Specialization in statistics (88%)

**Sri Kakatiya Junior College (2011-2013)**

M.P.C (76%)

**M.S.R High School (2011)**

SSC (75%)

**Experience**

**Tata Consultancy Services (Sept 2016 to present)**

* Installation, configuration, administration and support of the network devices, network technologies, Network infrastructure; monitoring and troubleshooting networks across multiple sites.
* Designed and implemented the various client projects network infrastructure.
* Hands-on-Experience on Routing Protocols, ISO/OSI Layers, ACLs, DNS, DHCP Services along with Basics of ITIL Foundation.
* Configured Spanning Tree Protocol in order to prevent loops in Network.
* Achieved the network security with hardening the network devices according to the organization's security policies.
* Verifying & upgrading Cisco IOS in Router, Switches and Firewalls to mitigate bugs and vulnerabilities.
* Implemented the change requests with proper updates within time period and thereby generated the 100% SLA.
* Performed software and hardware upgradation activities and thereby minimized the network outages due to hardware or software failures.
* Monitored the bandwidth utilization and raised tickets with Service provide at the times of link flaps or packet drops situation and recommended changes to the existing infrastructure to reduce the link unavailability conditions.
* Deployed 100+ Cisco 2960 and 3560 switches in stacking as part of Campus LAN activation.
* Configured Network Address Translation (NAT) and Port Address Translation (PAT) for sharing

Public addresses.

**Technical Skills**

● Cisco Routers (4321, 1941, 1800), Cisco Switches (2960x, C3650, C-6513, C9500 and Nexus 7K), Cisco ASA (5515, 5520, 5545)

● Routing protocols (EIGRP, OSPF and BGP)

● Spanning Tree protocols (RSTP, PVST+, MST)

● Security Protocols (SSH, IPSEC VPN, HTTPS)

● HSRP, Ether channel.

● Port security, DHCP Snooping, PVLAN, AAA, TACAS+, SNMP

● NAT/PAT, ACL

● Complete understanding of OSI model and TCP/IP packet flow

● Azure - Virtual networks, NSGs, Load balancers, Application Gateways, Virtual Private Network Gateways, Traffic Manager

**Technical Certifications**

● CCNA Routing & Switching

● ITIL Foundation

**Key Skills**

● Understanding the client requirements and providing the best possible solution

● Taking the responsibility of a situation and work towards the completion of the issue

● Coordinate with the people for business requirements and maintaining the SLA

● Hard working and Self-paced learning

● Learn from mistakes and work for the perfection

● Excellent presentation and communication skills

● Confident, Polite and Patient

● Adaptive to changing environments

**ACHIEVEMENTS**

● Awarded as Star Performer for setting up one of the client setup

● Multiple TCS on the Spot Award for actively resolving the network issues

**Personal Details**

Gender : Male

Status : Married

Date of Birth : 22 nd Apr 1996

Languages : Telugu, English, Hindi

Hobbies : Dance, Internet Browsing, Music

**Declaration** :

 I hereby declare that all the above mentioned information given by me is true and correct to the best of my knowledge and belief