## **Bhupesh Kumar Baghel**

**Professional Snapshot**

* **Cisco Certified Internetwork Expert (CCIE)**
* **Cisco Id: CSCO13005880**
* 4 yearof experience in Network Engineering and Technical Support / Troubleshooting.
* Well versed with implementation and troubleshooting of networking devices like Router and Switch.
* Good understanding of cabling of rack and patch panel.
* Adept in analyzing information system needs, evaluating end-user requirements, custom designing solutions, troubleshooting for complex information systems management.
* Analysis, Design, Implementing, and Troubleshooting with focus on performance tuning and support of large Enterprise Networks.
* Experience in Service Validation, Gateway support and Troubleshooting Network & Security infrastructure on routers, switches & firewalls.
* Expertise in Configuration of Virtual Local Area Networks using Cisco routers and multi-layer Switches and supporting STP, RSTP, PVST, RPVST along with trouble shooting of inter-VLAN routing and VLAN trunking using 802.1Q.
* Extensive experience with routing protocols BGP, OSPF, EIGRP, RIP.
* Understanding of IPV4 and implementation of Sub netting.
* Setup of site-site (IPSEC VPN) and remote VPN connections to communicate between locations.
* Implementation, configuration & troubleshooting of Access Control Lists (ACL), NAT and Cisco IOS.
* Firewalls, ASA 5500 series firewalls. Implemented Security Policies using ACL, IPSEC, SSL, VPN, IPS/IDS, AAA (TACACS+ & RADIUS)
* Good understanding of the OSI Reference Model and the TCP/IP Model
* Expertise in troubleshooting and configuring DNS, DHCP, TFTP, VPLS, SSH, FTP, ARP and NFS.
* Proficient in Cisco IOS for configuration & troubleshooting of routing protocols OSPF,EIGRP, RIP, BGP, MPLS.

**Hands-on experience on: -**

1. Routers : Cisco 3925, 3810, 3600, 2800 Series
2. Switches : Catalyst 6500, 4510, 4500-x, 3800, 3750x, 3550, 2960s
3. Firewalls : Cisco ASA, Fortigate, Check point
4. IP Routing Protocols : MP-BGP, IBGP, EBGP, OSPF, EIGRP, RIP v1 & v2, Route redistribution

Route filtering

1. IP Services : HSRP, DHCP, GLBP, VRRP MPLS LDP/TDP, MPLS, VPN, RSVP, VRF
2. LAN Protocols : RSTP, STP, VTP, VLAN & Inter-VLAN routing, Dot1q
3. WAN Protocols : Core Frame Relay, PPP, HDLC, Channelized links(E1/T1/E2/T2)
4. Tools : Secure CRT, Putty
5. Protocols : IPv4, TCP, UDP, ICMP, NAT, DHCP, SNMP, IPSEC, HTTP, SSH, DNS, WINS
6. Network Monitoring Tools: Cisco Works, PRTG, OpenStack, wire shark

**Work Experience**

**Client : Bennett University**

**Role :** Network Administrator

**Description :** The project involves implementation, supporting, troubleshooting and migration activity of network across the multiple locations.

**Key Deliverables:**

* Implementation, Operations, Maintenance and troubleshooting.
* Fault & troubleshooting.
* Provide online support to field engineers.
* Co-ordinate & support Team members for Site outage control and Make the quality work & Preventive Maintenance for all the critical sites on priority.

**Client : Network Ace**

**Role :** Network Engineer

**Description :** The project involves supporting, troubleshooting and migration.

**Key Deliverables:**

* Provide online support to field engineers.

**Credentials**

**EDUCATION:**

B.E, Computer Science from CSVTU, Bhilai in 2010