**ABHISHEK MUKESH SHAH**

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**SUMMARY:**

Seeking a Full-Time position in Information Technology to implement my technical skills and analytical approach across various functional areas

Network Engineer – Intern at BridgeVoice Inc., NY

Monitored Network using SolarWinds Network Performance Monitor and Server & Application Performance Monitor

Implemented switching with redundancy and load balancing through Inter-VLAN Routing, Trunking, STP, VTP and Ether-Channel

Extensive working knowledge of routing protocols OSPF, EIGRP, RIP and basic BGP

Good understanding of Software Defined Networking

Proficient in IP Addressing, sub-netting, TCP/IP and UDP Protocols, and other applications such as DHCP, DNS, Telnet, SSH, SNMP, NTP

Experience with Network Simulation Tools including Cisco Packet Tracer, GNS 3 Dynamips, Wireshark, SolarWinds, SmarterTrack Ticketing Tool

Excellent communication skills well versed in interacting with individuals as well as working effectively with groups

**EDUCATION:**

**Stevens Institute of Technology,** Hoboken, NJ May 2016

Masters of Science, Telecommunications Management **GPA:** 3.7

**Shah & Anchor Kutchhi Engineering College,** Mumbai University, India June 2014

Bachelors of Engineering, Computer Engineering **GPA:** 3.2

**SKILLS/CERTIFICATIONS:**

**Certifications:** Cisco Certified Network Associate - Routing & Switching, **Cisco ID: CSCO12851572** August 2015 – August 2018

**Network Simulators/Analyzer:** Wireshark, Cisco Packet Tracer, GNS3, SolarWinds, SmarterTrack

**Routing & Switching:** EIGRP, OSPF, RIP, HSRP, VRRP, GLBP, MPLS, STP, RSTP, PVST, MSTP, FTP, Ether Channel, Port Security, VLANs,

Trunking, VPN, HTTP, Broadband Technologies, Firewalls

**Applications:** IP Addressing, Sub-netting, TCP/IP, DHCP, DNS, SNMP, ACL, NAT, TELNET, SSH, Active Directory, SSL, ping, nslookup,

tracert, netstat, tcpdump, basic VoIP, SDN

**Operating Systems:** Windows XP, 7, 2003 & 2008, Linux – Ubuntu, Cisco IOS

**Soft Skills:** MS Word, MS Excel, MS PowerPoint, MS Visio, basic Python and C

**EXPERIENCE:**

BridgeVoice Inc., Kew Gardens, NY February 2016 – Present

**Network Engineer - Intern**

* Understand Network architecture and prepare network resolution reports with basic analysis
* Install Operating System (CentOS 5.10 and CentOS 6.6) on Servers
* Support Lead Network Engineer in troubleshooting network issues and configuring Routers, Switches and Servers
* Monitor network using SolarWinds – Network Performance Monitor and Server & Application Performance Monitor to ensure network availability
* Responsible for identifying, diagnosing and resolving hardware and software problems
* Handle tickets using SmarterTrack Ticketing Tool and ensure technical escalation, where appropriate

Stevens Institute of Technology, Hoboken, NJ September 2014 – Present

**Graduate Teaching Assistant,** Telecommunications Management

* Conduct and upload exams on Canvas for more than 125 students including graduate and undergraduate students
* Grade exams as well as demonstrate solutions for students
* Examine technical papers of graduate level students
* Assist professor in administrative work and to create exams for three Graduate level courses
* Interact with students in group as well as individually to help them in course work

West India Avenue, Mumbai, India May 2013 – May 2014

**Network Engineer – Intern**

* Monitored and troubleshot LAN and generated weekly reports
* Configured Cisco Switches and Routers
* Observed network performance and reported to the incident manager
* Assisted lead networking engineer in areas of configuration, testing and implementation

**TRAINING:**

RST Forum, Mumbai, India June 2015 – August 2015

**Cisco Certified Network Professional – Routing & Switching Training**

* Configured Routers and Switches based on CCNP R&S Labs to create LAN/WAN Design
* Designed and implemented Routing and Switching scenarios in Lab Environment
* Monitored Cisco Routers and Switches using different show commands
* Implemented EIGRP initial configuration, load balancing and variance, stub, authentication and redistribution
* Performed OSPF initial configuration, authentication, stub, redistribution and virtual link
* Implemented switching by performing STP, Trunking, Inter - VLAN Routing, VTP, Ether Channel, HSRP, VRRP and GLBP
* Analyzed and troubleshot Cisco Routers and Switches in LAN/WAN scenario
* Secured ports using Port Security and Authentication to prevent unauthorized access to the network

**PROJECTS/PRESENTATIONS:**

**Cisco Packet Tracer Labs**

* Designed network using CCNP R&S Labs
* Configured Routers and Switches with static routes and dynamic routes using EIGRP, RIPv2 and OSPF
* Tested telnet connection, implemented banner and secured routers and switches
* Implemented switching with redundancy and load balancing

**Network Designing** – West India AvenueJanuary 2014 – March 2014

* Designed prototype of the network
* Assigned IP addresses to the devices in network
* Applied Access Control Lists to allow only legitimate users and also configured Port Security
* Implemented ether channel and trunking on cisco switches
* Performed Inter – VLAN Routing between VLANs

**ACTIVITIES:**

Active on the Cisco Learning Network

Teaching Assistant of Telecommunications Management (Graduate Program) and Business Technology (Undergraduate Program)

Volunteered in Mumbai University Blood Donation Camp

Active member of Indian Graduate Student Association

Organized Technical and Non-Technical Events at Shah & Anchor Kutchhi Engineering College