**ABHISHEK MUKESH SHAH**

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**OBJECTIVE:**

Dedicated and motivated telecommunications graduate seeking entry level full-time position in the field of Information Technology to utilize my technical skills and analytical approach across various functional areas.

**SUMMARY:**

Cisco Certified Network Associate - Routing & Switching **(Cisco ID: CSCO12851572)**

Expertise training in Cisco Certified Network Professional - Routing & Switching

Good knowledge of designing networks using Cisco Routers (18XX, 26XX, 29XX series) and Cisco Switches (2950, 2960)

Extensive knowledge of routing protocols and switching terminologies

Proficient in IP Addressing (IPv4 & IPv6), sub-netting and VLSM

Pertinent understanding of ospf configuration and its implementation

**EDUCATION:**

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

Masters of Science, Telecommunications Management May 2016

**GPA:** 3.53

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

Bachelors of Engineering, Computer Engineering June 2014

**Percentage:** 63

**SKILLS/CERTIFICATIONS:**

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

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

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

**Applications:** IP Addressing, Sub-netting, VLSM, TCP/IP, UDP, DHCP, DNS, SNMP, ACL, NAT, TELNET, SSH

**Operating Systems:** Windows, Linux – Ubuntu

**Soft Skills:** MS PowerPoint, MS Excel, MS Word, Basic C++ & Java

**WORK EXPERIENCE:**

Stevens Institute of Technology, Hoboken, NJ

**Graduate Teaching Assistant,** Telecommunications Management September 2014 - Present

* Conduct and upload exams on Canvas for more than 125 students including graduate and undergraduate students
* Grade exams as well as technical papers and demonstrate solutions for 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
* Responsible for setting up the lecture and other office duties

RST Forum, Mumbai, India

**Engineering Intern,** CCNP R&S June 2015 – August 2015

* Configured Routers and Switches based on CCNP R&S Labs to create LAN/MAN Design
* Worked on Cisco Routers (18XX, 26XX, 29XX series) and Cisco Switches (2950, 2960)
* Designed and implemented Routing and Switching scenarios in Lab Environment
* Secured ports using Port Security and Authentication to prevent unauthorized access to the network

**PROJECTS/PRESENTATIONS:**

**Analysis of Parsons Control Corporation** January 2015

* Analyzed transition problem between Design and Manufacturing departments by considering various contextual factors
* Proposed three alternatives to solve the transition problem
* Recommended Cross Functional Team from three proposed alternatives

**Enabling Technologies for Future Data Center Networking (IEEE Paper)** August 2014

* Presented IEEE paper on technologies for Future Dara Center Networking
* Summarized architecture of Data Center Network
* Researched on Software Defined Networking Switch

**Image Encryption** February 2014

* Used Advanced Encryption Standard Algorithm and Block Based Shifting Strategy to cipher the image
* Transferred the ciphered image securely over an unsecured network
* Provided two levels of security to prevent unauthorized access to the image

**ACTIVITIES:**

Active on Quora and Networking - Forum

Active member of Indian Graduate Student Association and Telecommunications Management Group

Voluntary participation in fundraising events at BAPS, NJ