ANAND PATEL

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Status :- OPT (EAD)

Requirement :- H1B Sponsership

Relocation :- YES

OBJECTIVE

To obtain a fulltime position in communication & networking industry where I can utilize my skills towards growth of an organization

EDUCATION

Master's in Electrical Engineering, NYIT-New York (GPA-3.35/4)   (2015-Dec 2016)

Bachelor of Technology in Electronics & Communication Engineering,CHARUSAT(India) (GPA-8.9/10) (2010-2014)

CERTIFICATION

➢ **CCNA Routing & Switching Certified** (License :- CSCO12924792) (10/4/2016 to 4/20/2020)

See my certification :- https://www.youracclaim.com/badges/d719cd13-44db-4ea6-bd3a-b2f19af70a7b

➢ **CCNP Routing & Switching Certified** (License :- CSCO12924792) (4/20/2017 to 4/20/2020)

See my certification :- https://www.youracclaim.com/badges/c9d6eabe-4532-429e-99df-a8eb8c9d6571

TECHNICAL SKILLS

➢ **Routing:** OSPF, BGP, ISIS, EIGRP, RIP, SPBM,NNI,Route Summarization, Static Routing, Redistributions, Stub areas, HSRP, VRRP, GLBP,Tunnels, Equal and unequal cost load-balancing, Policy based routing.

➢ **Switching:** VLAN, VTP, STP,SLPP,SMLT,MLT, RSTP, PVSTP, Inter VLAN routing & Multi-layer switching.

➢ **Other terminology :-** DNS, DHCP snooping, IPv4 and IPv6 structure, SIP,TCP and UDP, Windowing, ISDN, Cloud computing

➢ **Wireless communication :-** WI-FI, QPSK, BPSK, DPSK, AM, FM ,PM, MIMO, 4G LTE, ALOHA, TDMA, FDMA, CDMA, RFID, Scatternet, Piconet, SONET, X.25, ATM, HDLC, Frame Relay, FTP, HTTP.

➢ **Monitoring:** Wireshark, PUTTY, Solar winds, PRTG, ASDM, Cisco F5 Load-balancer, Whatsup Gold, Infoblox,

➢ **Security Policies:** Port-security, ACL, Firewalls, Distribute-list, IPSEC, SSL, VPN, IPS/IDS, AAA (TACACS+ & RADIUS)

➢ **Other Tools:** NMAP, GNS3, and Cisco Packet Tracer, VMware Workstation, MATLAB HFSS, CST Microwave Studio, UNIX, LINUX

WORK EXPERIENCE

Working as a Network Analyst at Penn Medicine Information Services (May-2017—Present)

- Install, support and maintain complex switch infrastructure in multi-floor building.
- Actively working on a switch refreshment project in which older Nortel 5520 switch would be updated by Avaya 4850/4950 switches.
- Actively working with a project where whole new building network closet is buit. Under this working with the script of Avaya VSP 8404, Avaya ERS 4950, Avaya ERS 4526 (for management), RPDUs,Digi console connector. Also installing these devices, Label it properly and maintaining switch data-base up-to-date.
- Working on predictive analysis using ekahau and autocad tools for aruba wi-fi access point management and installation.
- Actively working on preparing scripts of remote site ISP migration. Under this working on Juniper SRX-240, Juniper MX-104, Avaya VSP4K etc.
- Working on Aruba controller and watch on the Down AP, If its down then traceroutre through switch stack and troubleshoot it.
- Actively working on Aruba Airwave. We use it as a monitering tool so keep wireless database up-to-date through Airwave.
- Implementing different vlans , multi-split trunking, voip using adac by using switch stack process.
- Connect IDF's at different floor to the MDF by using LC-ST fiber connector using fiber patch panel.
- Configuration of all DIGI (console connector), RPDUs(Switched rack PDU),UPS and OBM (out-of-band Management switch) and maintain them by using Whats up Gold, infoblox and Avaya switch access tools for centralized management of all Penn Medicine sites.

PROJECTS

- Implementing QPSK, DPSK & BPSK modem using Matlab and Xillinx by using different software defined algorithms
- Internet usage control using access control techniques.
- Project on Server Client Communication model using Socket Programming in Computer Networks.
- Router access restriction on a VLAN network.
- IP telephony implementation and troubleshooting using software simulation.
- VLAN design with Cisco infrastructure