

Network Engineer - Intern

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WORK EXPERIENCE

Network Engineer - Intern

IQ Solutions - Rockville, MD - September 2016 to December 2016

- Assisting Senior Network Engineer with Enterprise firewall settings and activation.
- Implementing MAC Address filtering to allow trusted connections get secured access to the network.
- Liaising with the IT infrastructure team to log assessment and inventory check for all Networking and IT equipment.
- Activation and setup of Aruba device networks for employees accessing remotely.
- Liaising with networking team on enterprise data-center shift project to a remote location in the coming months.

Programmer Analyst Trainee - Quality Assurance

Cognizant Technology Solutions - Chennai, Tamil Nadu - September 2014 to May 2015

- Managed quality assurance testing cycles for pharmaceutical client AstraZeneca.
- Performed local and full regression testing cycles pertaining to client user interfaces and online databases connectivity.
- Liaised with product management and development teams on application remediation within software development life cycles.
- Led knowledge transfer sessions with new quality assurance teams and recommend new testing strategies.

BSNL Govt. of India - Bangalore, Karnataka - July 2013 to August 2013

MPLS technology Solutions

- Collaborated with engineering teams with specification designs and implementations of managed leased line networks.
- Designed and implemented multi-protocol label switches for Bangalore post office branches
- Implemented managed leased network topology and surveyed main HLR routers throughout city of Bangalore.
- Published best practice findings pertaining to provisioning of multi-protocol label switching into district telecom centers.

EDUCATION

Master of Science in Telecommunication and Management

University of Maryland - College Park, MD

September 2015 to May 2017

Bachelor of Engineering in Telecommunications

BMS Institute of Technology - Bangalore, Karnataka

September 2010 to June 2014

SKILLS

DATABASES (Less than 1 year), ACCESS (Less than 1 year), BGP (Less than 1 year), C++ (Less than 1 year), CCNA (Less than 1 year)

ADDITIONAL INFORMATION

Technical Skills

Programming Languages and tools

- Java, C/C++, MATLAB, HTML, Python (Databases Certification). Github (Linux, Ubuntu, Windows and OSX), Cisco IOS, Mentum Planet (Windows), KEIL, NMAP / Aircrack/ Metasploit (Kali -Linux), firewalls, Mininet (Linux, Ubuntu), SAS Viewer (Windows 7), Excel / Powerpoint / Access / Word (Windows), Keynote (OS X), CCNA commands.

Networking protocols

- BGP, TCP/IP, UDP, MPLS-VPN, MLLN, IPV4, ARP, RIP V1/V2, OSPF, DNS, DNSSEC, DHCP, Ethernet, DVR, SDN.