

Umma Tamzida Akter

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Objective

A competitive intelligence professional looking for a challenging position, which will make best use of my existing skills and experience and also further my development.

Professional Skills & Knowledge

- Having experience to work with wide variety of L2/L3 networking devices, ex
Switch: Cisco, Huawei, Netgear, BDCOM, GCOM, Nortel, Quanta etc
Router: Cisco, Juniper, Mikrotik, Maipu
WLC: Cisco
- Working experience of network monitoring tools like Cacti, Solarwinds, Dude, Netflow etc
- Packet analysis with Wireshark
- Having an in-depth knowledge and hands on experience of TCP/IP, OSPF, BGP, L2/L3 MPLS
- L2 technologies STP, HSRP, VRRP
- VPN Technologies IPsec, GRE, IPIP, EoIP etc
- Vulnerability Assessment & Penetration Testing using Nmap/Zenmap, Openvas, Nessus, Metasploit, Kali Linux, Parrot etc
- Having experience to work with market leading Firewall like ASA, SRX, Fortinet
- Ability to handle analysis and support in various technology areas
- Good communication skill

Professional Training and Achievements

CCNA | RHCSA | MTCNA | CCNA Cyber Ops SECFND Certified | CCNP R&S | CEH

“Professional Training on Cyber Security” by bdjobs

This workshop include

Network analysis using Netcat, Wireshark, TCP Dump. Vulnerability Scanning with Nmap, Open VAS. Buffer Overflows, Linux Buffer Overflow Exploitation, Social Engineering and Client Side Attacks.

Web Application Attacks Techniques XSS, Browser Redirection and IFRAME Injection, SQL Injection

Password Attacks with Brute Force, Hydra, Medusa, and Ncrack, John the Ripper, Rainbow Tables.

Port Redirection and Tunneling, Metasploit Framework

Workshop on “Network Security” organized by SANOG

This workshop include

Assets & Threat Models, Cryptography Theory and Mechanisms, Cryptography Applications such as ssh, VPNs, TLS, pgp.

Protecting Network Infrastructure such as routers, switches, Infrastructure Services. Two Factor Authentication. Introduction to security tools i.e nmap, honeypot, Wireshark.

Workshop on “Advanced Routing & BGP” organized by bdNOG

This workshop include

IPv6 address structure & deployment models, Design and architecture knowledge for large scale ISP network, Basic BGP operation, BGP Attributes and Path Selection Process BGP traffic engineering tools i.e. Local Pref, MED, AS path prepend, communities etc design and architecture. BGP Scaling Techniques i.e. Route reflector, peer group etc design & architecture issues, Internet Exchange [IX] Policy Overview and Configuration requirement, Route server etc

Workshop on “SDN” organized by APNIC

This workshop include

Introduction to SDN, Control and data plane separation, Architectural frameworks, Openflow, SDN controller Northbound interfaces, Topology discovery and management, Centralized traffic engineering, SDN controller Southbound interfaces, Segment routing, OpenDaylight

Career Summary

August 09, 2018 to till date: Assistant Manager, NOC & Support

Race Online Ltd, ISP

Race Online Limited is a venture of Earth Telecommunication Pvt. Limited which is one of the leading IIG in Bangladesh.

- Key responsibility is to maintain network stability by playing the role of a network analyst as well as security analyst
- Monitoring network with various monitoring tools like Cacti, Solarwinds Nagios, Dude etc.
- Analyzed traffic flow patterns by capturing packets on the network using Wireshark
- Scanning vulnerability using nmap, openvas, sqlmap, metasploit etc
- Provide level 2 and level 3 supports.
- Delegation of duties & Supervision of Junior Engineer.
- Collaboration with core team of Earth Telecommunication whenever needed.
- Planning & Implementation of network infrastructure design.

June 15, 2014 to August 09, 2018: Sr. Support Engineer, NOC

Link3 Technologies Ltd, ISP

- Provide solution according to clients' requirements, attend pre-sales meeting, troubleshooting network, give support to corporate clients are major responsibilities.
- Network hardware (Router, Switch, and VPN device) installation, configuration & Maintenance. Site-to-Site VPN establish & create VPN over wireless network & fiber for corporate client i.e. Bank, NBFI (Non-Banking Finance and Investment).
- Responsible for configure and troubleshooting VPN services i.e IPSec, GRE, GRE over IPSec, EoIP, PPTP, L2TP & MPLS VPN.
- Configuring different vendor's routers and switches like CISCO, MikroTik, Linksys, Netgear, Maipu, Juniper Netscreen, Zyxel.
- Documentation of network problems & resolution for future reference. Performing troubleshooting analysis of networking devices
- Any other duties as assigned by management

October 01, 2009 – June 14, 2014: Freelance Web/Graphic Designer

- Design logos using Adobe Photoshop, Adobe Illustrator.
- Develop website with Joomla.

August 05, 2008-February 05, 2009: CISCO Professional Trainer

CORPORATE IT LIMITED, International Software & IT Enabled Services Company.

- Lecture delivery and hands on training to trainees.
- Prepared lab environment for training.
- Provide technical support to the staff.

Awards, Fellowships, and Volunteer

Fellowship award of SANOG28

Fellowship award of APNIC44

Education

- Bachelors of Science in Electrical & Electronic Engineering (2007) from CUET, Chittagong.
CGPA: 1st Class; 3.19 (4-point scale).
- Higher Secondary School Certificate (2001) from Chittagong College, Chittagong.
First Division (674 marks).
- Secondary School Certificate (1999) from Dr. Khastagir Govt. Girls' High School, Chittagong.
First Division (776 marks).

Personal Details

Father's Name: Md.Tazul Hoque
Mother's Name: Umme Motahara Hoque
Nationality: Bangladeshi
Gender: Female

Reference

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