

## Md. Jahangir Hossain

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### OBJECTIVE

A challenging working position where I can fully utilize my education, skills and experience

### CERTIFICATION

Cisco Systems

Cisco ID: CSC011278570

[www.cisco.com](http://www.cisco.com)

#### Cisco Certified Network Associate (CCNA)



#### Cisco Certified Network professional (CCNP)

Building Scalable Internet works (BSCI)  
Building Multilayer Switched Networks (BCMSN)  
Implementing Secure Converged Wide-area Networks (ISCW)  
Optimizing Converged Networks (ONT)



#### Cisco Certified Internetwork Professional (CCIP)

Building Scalable Internet works (BSCI)  
Configuring BGP on Cisco Routers (BGP)  
Implementing Cisco MPLS (MPLS)  
Implementing Cisco Quality of Service (QoS)



### EXPERIENCE

#### AGNI SYSTEMS LIMITED ..... August 01, 2007 ~ Cont

Designation: Sr. Asst. Network Administrator  
Department: Network Operation Centre (NOC)  
Bangladesh.[www.agni.com](http://www.agni.com)



#### Major Responsibilities:

- Managing the Network Operation Center (NOC)
- Network Expansion Planning, Design and Implementation
- Maintain APNIC Whois database
- Installed, troubleshooting Windows & UNIX based server (Proxy, PPTP, Gateway)
- Troubleshooting, monitoring Fiber, E1 interfaces, Wimax and Aparto based Network
- Configure, troubleshooting and monitoring IPsec, GRE and EoIP Tunnel
- Configure, monitoring and troubleshooting VLAN, Inter-VLAN & Quality of Service (QoS)
- Installed, monitoring IP Telephony Network and Voice gateway
- Installed, troubleshooting security policies using ACL, PIX/ASA firewall
- Implemented. monitoring SNMP, SYSLOG, traffic flow on devices to allow for network management
  
- Troubleshooting, monitoring distribution layer routing through EIGRP, OSPF at POP end
- Troubleshooting, monitoring core layer routing protocol through IBGP and EBGP
- Troubleshooting & configure routing, switching, load balancer, IOS related problem
- Create, Analysis, monitoring inbound and outbound traffic to service provider (IIG, BDIX, ICX)  
AS 17494, AS 17806, AS 9731, AS 32362 by BGP routing protocol
- Work with network engineers, technical staff, & vendors to develop & implement network projects

**PARWEEN TECHNOLOGIES ..... August 01, 2009 ~ Cont**

Designation: Internet Resource Analyst  
Bangladesh.www.parween.net

Major Responsibilities:

- Analysis Global Routing
- Analysis Global traffic based on simple DNS request, Internet Traffic, DDoS Attack
- Work with network engineers, technical staff, & vendors to develop & implement network projects

**BANGLA NET ..... January 27, 2007 to July, 2007**

Designation: System Engineer  
Dhaka, Bangladesh

Major Responsibilities:

- Log customer complains
- Provide technical support to customers and monitor customer status
- Installed and troubleshooting client's Windows, UNIX servers (Proxy, DHCP, Web, PPTP, FTP, Gateway) and Firewall
- Installed, troubleshooting client's WAN/ LAN and network products (Modem, Hub, Switch, Router)
- Build and maintain Client database of network topology
- Maintain Fiber Optics and ADSL network

**TRAINING**

- **South Asian Network Operators Group (SANOG)**  
Dhaka, Bangladesh



Track 1: Advanced BGP Routing and IPv6 Deployment  
Track 3: MPLS Design and Deployment

- **The Asia Pacific Network Information Centre (APNIC)**  
Dhaka, Bangladesh  
Track: IRME, DNS/DNSSEC, IPv6, IRR



- **Redhat Certified Engineers (RHCE)**  
Redhat Local Academy (DIU)  
Track1: Linux System Administration  
Track2: Linux Services and Security Administration



**TECHNICAL SKILLS**

**Protocols/Standards:**

- Strong knowledge on IP addressing ,Subnetting both IPv4 & IPv6
- Experience on Routing & Switching protocol ( EIGRP, OSPF, BGP, MPLS, LDP, VLAN, HSRP )
- Strong knowledge on VPN technology ( IPSec, GRE , EoIP, MPLS -VPN )
- Knowledge on Authentication Authorization Accounting (AAA), TACACS+, Radius Server
- Experience on Intruder detections systems (IDS) & Intruder Preventions systems (IPS)
- Implementation of SMTP, MRTG, SYSLOG, Spanning Tree, NTP Server & Client
- Knowledge on VoIP Gateway ,Gatekeeper , IP Telephony ,Quality of Service (QoS)
- Implementation on Windows & Linux based Server (Gateway, DHCP, Proxy, PPTP, FTP, Web)
- Experience on IPTABLES chain ( INPUT, FORWARD, OUTPUT )

## Hardware:

- Knowledge on Cisco 1800, 2600, 3800, 7200, 7600 Series Routers & Cisco 2900, 3500, 4500, and 5000 Catalyst Series Switches
- Cisco PIX 501,802 & ASA 5510, 5520 Firewalls
- Huawei Net Engine 20, Juniper NetScreen 5GT, Mikrotik router, ET/R1800-R Bandwidth Manger

## Software:

- Windows XP, Windows 2000/2003 Server, Redhat Enterprise 4 and 5
- Cisco IOS Releases 11.x - 12.3, Cisco CatOS Releases 4.x - 6.4, Mikrotic OS
- MS Visio, MS Project, What's up Gold, Netflow Analyzer

## EDUCATION

- **Bachelor of Science** (Hons) in Computer Science & Engineering (4 years):  
Daffodil International University, 2007  
CGPA 3.25 (75%) out of 4 (1st Class), Dhaka, Bangladesh

## THESIS WORK

- Analysis on the Virtual Local Area Network to reduce collision domain & Manage broadcast domain
- Analysis of Time Synchronization on Mobile Technology using simulation software

## MEMBERSHIP

- Cisco Asia Pacific Alumni Association
- Bangladesh Open Source Network (BOSN)
- Bangladesh Internet Exchange (BDIX)
- Internet Service Providers Association of Bangladesh(ISPAB)

## REFERENCES

### **Md. Nadir Bin Ali**

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