

MD. SAMSEL ARIFIN

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CHOWDHURY

With over **4 years** in network and security, I specialize in **designing** and **securing** complex infrastructures. My expertise includes **network design, VPN implementation**, and managing devices like **Fortinet FortiGate, Sophos UTM**, and **Palo Alto** firewalls. I excel in **LAN/WAN design**, data center networking, and system administration across **Windows Server, Linux**, and **Unix** platforms. Proficient in **routing** and **switching** (Cisco, BGP, OSPF), I manage network configurations, patch management, and performance optimization. Having resolved over **1,200 technical cases**, I'm committed to enhancing security and efficiency in your digital environment.

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Skills

- Proficient in designing and implementing **high availability and redundant network architectures, ensuring optimal performance and reliability of routers, switches, and network devices**
- Expertise in configuring and maintaining enterprise-grade routers and switches (e.g., Cisco), including advanced routing protocols such as **OSPF, BGP, MPLS, and EIGRP**.
- Strong knowledge of network security best practices, including **firewall policies, VPN setup, IPS/IDS, and encryption technologies**.
- Expertise in configuring and **managing FortiGate, Sophos, and Cisco firewalls, VPNs, SSL VPN, IPsec, and load balancing solutions**.
- Experienced in maintaining and **troubleshooting Layer 2/Layer 3 network topologies, VLANs, STP, and subnetting**.
- Familiar with **advanced security technologies like (IDS/IPS), (WAF), and SIEM tools like Splunk**.
- High proficiency in **Communication** both verbal and written



Experience

- **BacBon Limited** (01 November, 2023 - Present)
Network Security Engineer
 - Install, configure, and maintain server operating systems such as Windows Server, Linux, or Unix.
 - Draft, review, and update Information Security Management System (ISMS) policies in alignment with ISO/IEC 27001 standards.
 - Configuring Fortigate, Sophos, CISCO firewall and Switches
 - Configuration and Managing of Mikrotik Router and its features [Tunneling, routing protocol, firewall features, etc.]
 - Investigating, detect and mitigate network threats on layer 3 / 2 devices
 - Implement server-level security controls such as access controls, encryption, and intrusion detection/prevention systems.
- **Aamra Networks Limited** (16 November, 2022 - Present)
Network Engineer, Technical Support Department
- **Business Network - Bnet** (10 June, 2021 - 15 May, 2022)
Executive Engineer, Network Administration
- **Virtually Testing Foundation** (14 January, 2021 – 26 March, 2021)
Virtual Intern
- **Sailor by Epyllion Group** (11 April, 2019 – 08 August, 2019)
Communication Associate , Digital Marketing, Marketing Dept.



Education

- **BSc (Hons.) Computer Science & Engineering**
CGPA: 3.23
Bangladesh Institute of Science & Technology
(2017-2022)



Projects

- **Firewall Migration, Complete Setup (One of the biggest vehicle Manufacturer)**
Activities performed:
 - Configuring fresh firewall with existing features
 - Implanting SSL, IpSec Tunnel, Certificate Blocking Malicious IP and Address policy based
 - User wise access list**Location** - Devotech DC, MIEZ
Device - FortiGate 300E, FortiGate 500E
- **ISP POP Configuration CISCO Nexus & Catalyst**
Activities performed:
 - Configured VLAN, STP, Trunking port on CISCO Switch
 - Configured NAT, routing, port security on CISCO Route**Location** - Moghbazar, Bangladesh
Device- CISCO Nexus 3000, CISCO catalyst switch 2960



Certification & Courses

- **NSE (NETWORK SECURITY PROFESSIONAL)** - 4- Successfully passed Fortinet NSE 4 - FortiOS 7.2 on October 20, 2023 . Also in 2020, I have got a **NSE-1,2 certificates** from Fortinet. It's a part of the Fortinet NSE Associate designation.
- **CERTIFIED MCSA (MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE)** - In 2021, Passed and received a 933 score on the MCSA 70-740 Installation, Storage, and Compute with Windows Server 2016 exam.
- **CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)**- I have successfully finished CCNA course from Creative IT Institute.
- **CNSS (CERTIFIED NETWORK SECURITY SPECIALIST)**- In 2020, I have got a CNSS certificate from ICSI,UK after finishing the course. This course provide brief overview on Modern Network Security.
- **C)SA1: Certified Security Awareness** - Successfully passed Certified Security Awareness 1 certification from Mile2.
- **BUILDING BRIDGES THROUGH LEADERSHIP TRAINING** - In 2017, I have participated in BBLT'17. Building Bridges through Leadership Training (BBLT) is Bangladesh Youth Leadership Center's 10-week long signature leadership training program.



Extra-Curricular Activities

- **JICA PROGRAM** - In 2008, I have participated in the School Sister Project (SSP) of Never ending **International Work Camp Exchange** of Japan and BWCA (Bangladesh Work Camps Association) of Bangladesh organized the program with support of Japan International Co operation Agency (JICA).
- **FACILITATOR DEVELOPMENT PROGRAM** - In 2018, I have participated in FDP of **Bangladesh Youth Leadership Center**. This a 4-days program to recruit a leadership facilitator for **BYLC's** upcoming program.



Reference

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