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Academic Background

- ❑ **Master of Science in Computer Science**, Jahangirnagar University, Dhaka. *Year: 2016, Result: 3.80/4.*
- ❑ **B. Sc. in Telecommunication & Electronic Engineering (TEE)**, Hajee Mohammad Danesh Science & Technology University, Dinajpur. *Year: 2011, Result: 3.27/4.*
- ❑ **Higher Secondary Certificate (HSC)**, Chittagong Cantonment Public College, Chittagong; *Year: 2007, Result: 4.80/5*
- ❑ **Secondary School Certificate (HSC)**, Chittagong Cantonment Public College, Chittagong; *Year: 2005, Result: 5.00/5*

Area of Interest

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| ✓ Network Security | ✓ Wireless and Mobile Communications | ✓ Telecom Business and Management |
| ✓ Threat Defense | ✓ Network Analysis and Troubleshooting | ✓ Optical Fiber and Communications |
| ✓ Software Defined Network | ✓ Principles of Telecommunication Network | ✓ Tele-traffic Engineering |
| ✓ Next Generation Network | ✓ Advanced Networking Planning | ✓ Semi-conductor Devices and Technologies |
| ✓ Internet of Things | | |
| ✓ Wireless Network | | |
| ✓ Machine Learning and AI | | |

Publications and Projects

- ✓ Imtiaz Mahmud, **A H M Tasbir Farid**, Md. Sazzadur Rahman, Prof. Dr. Zahid Hasan Mahmud; *"Study on the band-gap of nano silicon using nanotechnology to enhance the efficiency of PV solar cell"*, International Workshop on Nanotechnology, organized by University of Dhaka and BUET, 21-23 September 2012.
- ✓ Imtiaz Mahmud, Md. Oliul Islam, Md. Sazzadur Rahman, Md. Walid Islam, **A H M Tasbir Farid**; *"Co-operative Solar Energy: A proposal to enlighten the tribal people in Bangladesh"*, 3rd International Conference on Environmental Aspects of Bangladesh (ICEAB 2012), 13-14 October 2012, University of Kitakyushu, Japan. ISSN: **2186-4330** (print), **2186-4241** (online).
- ✓ Md. Sazzadur Rahman, Imtiaz Mahmud, **A H M Tasbir Farid**, Anjoy Kumar and Md. Mehedi Islam; *"Cooperative Solar Energy: A Way to Enlighten the Tribal People of Bangladesh Cost Effectively and Hence Reduce Carbon Emission"*, Accepted, National Seminar and Exhibition on Renewable Energy, 6-8 April, 2013.
- ✓ Post Graduate Research Project: *Study on Network Resource Monitoring and Management.*

Professional Experience

- ✓ **Organization:** Karnaphuli Gas Distribution Company Ltd., 137/A CDA Avenue, Sholoshahar, Chittagong.
Position: Deputy Manager/Programmer (Network), Grade-6 **Duration:** 28th May 2017 to Now

Responsibilities: Design, implement, and manage network infrastructure, including switches, routers, firewalls, and other network devices. Monitor network performance to ensure high availability and reliability, and implement necessary improvements. Perform network security assessments and implement measures to ensure data integrity. Manage network documentation, including diagrams, configurations, and procedures. Design and implement network policies, including protocols and services like TCP/IP, VLAN, DNS, DHCP, and ACLs.

Install, configure, and upgrade operating systems and applications, including deploying updates on servers. Create and manage system permissions and user accounts. Maintain computer networks and network sharing systems. Provision, install, and configure hardware and peripherals. Manage, monitor, and configure organization-wide IT security using SELinux/Firewalld, and perform performance analysis and optimization. Manage Active Directory, including DNS, NTP, and DHCP, and implement related policies.

Write and manage scripts to resolve Linux and network issues, automate deployments, and configure systems. Manage backups at both the storage and server levels, with real-time replication and rsync transfers. Manage data storage systems, implement backup strategies, and troubleshoot storage issues.

Install, configure, and manage virtual environments, including creating and managing virtual machines. Monitor and optimize virtual system performance, virtual networks, VLANs, and load balancing. Manage vCenter and storage, including datastores, policies, vSAN, and capacity planning, with proper documentation. Manage email servers, including user management.

Oversee the data center infrastructure, including power, environmental controls, redundancy, and fire suppression systems. Implement and manage disaster recovery and backup plans. Collaborate with vendors and solution providers.

- ✓ **Organization:** **Standard Bank Ltd. (IT Division)**, Islam Chamber (2nd Floor), 125/A Motijheel C/A, Dhaka 1000.
Position: **System Engineer** **Duration:** 1st July 2014 to 27th May 2017

Responsibilities: System administration tasks include verifying the integrity and availability of all hardware, server resources, and key processes, as well as reviewing system and application logs and ensuring the completion of scheduled jobs. Responsibilities also include monitoring and maintaining several application servers, email servers, proxy servers, Active Directory, and IP telephony. Manage and monitor branch and core networks, diagnosing and troubleshooting any faults. Install and configure Windows/Linux environments for new projects, and set up Oracle databases, Middleware, Weblogic, Forms, and Reports. Additionally, research, test, and deploy new technologies.

- ✓ **Organization:** **Bangladesh Online (BOL), BEXIMCO IT Division**, Plot # 19, Road # 35, Gulshan, Dhaka 1212.
Position: **Executive, Tech Support** **Duration:** 1st January 2014 to 30th June 2014

Responsibilities: Providing remote and onsite technical support to clients. Addressing complaints and queries from customers via phone calls, emails, or other communication channels. Monitoring the network system using network monitoring tools and taking immediate action in case of alerts or faults. Performing installations and deployments of various solutions and services at the client's site. Logging, following up on, and updating customer complaints, system faults, and other incidents in the trouble ticketing system.

- ✓ **Organization:** **Amber IT (Former Dhakacom Ltd.)**, Navana Tower (7th floor), Gulshan-1, Dhaka-1212.
Position: **Assistant System Engineer**, **Duration:** 1st March 2013 to 31st December 2013

Responsibilities: Linux/Windows Server (DNS, mail, proxy, web, gateway, database etc) installation, maintenance and troubleshooting. LAN/WAN installation and troubleshooting. Router/Switch/Firewall (Cisco, Mikrotik) configuration and troubleshooting. Monitor bandwidth and link. Configure and maintain IP telephony services, billing, troubleshooting and other ISP services.

- ✓ **Organization:** **Bangladesh Telecommunications Company Ltd.**
Position: **Intern** **Duration:** 20th December 2012 to 17th January 2013

Gathered Knowledge about: BTCL- Switching center, Transmission via microwave and optical fiber & MDF Teletalk- Base Transmission Station and Base Station Controller.

Professional Training & Certification

- ❑ **ICSI | CNSS Certified Network Security Specialist** from International CyberSecurity Institute (ICSI)
- ❑ **Cisco Certified Network Administrator** from New Horizons, Ctg and CSL with duration of 40 Hours
Course includes- CCNA Routing Switching, IPv6, VPN, HSRP, BGP etc.
- ❑ **Understanding of Cisco Cybersecurity Fundamentals and Implementation of Cisco Cybersecurity Operations** from Learning@Cisco
- ❑ **Configuring BIG-IP ASM v13 and AFM v13** from F5 with duration of 42 hours
- ❑ **VMware vCloud** from Bangladesh Hi-Tech Park Authority with duration of 64 Hour.
Course includes- vSphere, ESXi, Clustering, HA and FT by vCenter, virtual networking etc.
- ❑ **Networking and ISP setup with RedHat Linux 9.0** from HSTU, Dinajpur with duration of 4 month.
Course includes- Linux installation, User management, File & Directory management, IP Addressing and Subnetting, Several Server Configuration, Shell Scripting, Security etc.
- ❑ **Oracle Certified Professional (OCP DBA)** from Reliance IT, Dhaka of 1 Month Duration.
Course includes- Database Management System, SQL, User Management, Backup and recovery, Database Development etc.
- ❑ **Computer Network Administration and Security Management by Windows OS** from Bangladesh Institute of Bank Management with Duration of 7 Days.

Course includes- Windows Active Directory, Domain Controller, Files and Folder Permission, Group Policy Management, Backup and restore etc.

Technical Qualification

- ❑ OPERATING SYSTEM: Windows, Linux (RedHat, Ubuntu, CentOS, Debian and Elastix).
- ❑ APPLICATION PROGRAM: Packet Tracer, GNS3, SolarWinds, Photoshop, Illustrator.
- ❑ PROGRAMMING LANGUAGE: C, C++, Java, Shell Scripting, HTML, CSS, PHP, SQL.
- ❑ DATABASE: Oracle; Maria DB; php MyAdmin; Mysql.
- ❑ SERVER CONFIGURATION: DNS, FTP, Samba, Telnet, SMTP, POP, DHCP, Proxy, IP Masquading, AD.
- ❑ Clear concept and practical knowledge in IP, Routing and Switching, NAT, ACL, VLAN, OSPF, BGP, VTP, PortChannel, GRE, IPSec, Firewall with Firepower etc.
- ❑ SAN storage configuration and management with SAN switch, iSCSI, FS etc.
- ❑ Good working skill at both Linux & Windows platform and configuring CISCO, MikroTik and other routers, firewall, network backbone switch and access switch; LAN, WAN and Wi-Fi system.
- ❑ Good practical and theoretical knowledge at TCP/IP, Subnetting, NAT, Network planning, Server and network infrastructure, Backup and recovery system, Network security and firewall system, Optical fiber network, Transmission and IP telephony in CISCO, Asterisk server and Elastix.
- ❑ Good skill at Windows Active Directory and domain controller including Group Policy and DNS.
- ❑ Good skill at installing, configuring and maintaining DNS, FTP, Samba, Telnet, Postfix, Zimbra, Squirrel mail, Dovecot, DHCP, Apache, Proxy, RAID, LVM in Linux and Windows platform.

Academic & Extra Curricular Activities

- Placed 1st in Software & Hardware Exhibition of Inter University Youth Festival 2010, organized by Debating Society of CUET for "DNS server configuration in Linux environment with Shell scripting".
- Acted as "Vice President" of Computer Science & Engineering Association (CSEA), "Joint Secretary" of Orko Sangskritik Jot, "Register" of HSTU-OSN, an organization under BdOSN in HSTU, Dinajpur.
- Winner of the Inter Faculty Debate competition 2012 at HSTU as the team leader.

Affiliation with professional body

- Associate Member of Bangladesh Computer Society and Executive Member of Chattogram Branch committee.
- Member of Alumni Association of CSE faculty, HSTU, Dinajpur.
- Member of HSTU Debating Society.

Personal Information

Full Name	: A H M Tasbir Farid		
Father's Name	: Faridul Alam Kutubi	Mother's Name	: Monzur Akther Khanam
Address	: B1, Nitole Villa, Natunpara, PO- Fatehabad (4335), PS- Hathazari, Chattogram, Bangladesh.		
Nationality	: Bangladeshi (By Birth)	National ID No.	: 5958743824
Date of Birth	: 01 st July, 1990.	Passport no.	: A15929121
Religion	: Islam	Blood Group	: AB+
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References

Dr. Mahabub Hossain Professor, Dept. of ECE HSTU, Dinajpur, Bangladesh Phone No: +88 017 16 729015, Email: im.mahabub@gmail.com	Md. Rashedul Islam Associate Professor of Mathematics, Dept. of CSE IIUC, Chattogram, Bangladesh Phone No: +88 017 17 121186, Email: rashed_maths@yahoo.com
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(A H M Tasbir Farid)