

CURRICULUM VITAE – MAHFUJUR RAHMAN

PERSONAL INFORMATION

Mahfujur Rahman
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PROFESSIONAL OBJECTIVE

IT professional with 8+ years of experience in system administration, network administration, DevOps Engineering, firewall security, Linux & Windows servers, virtualization, and enterprise IT support. Skilled in MikroTik, Sophos Firewall, VPN, VLAN, Active Directory, VMware, Zimbra, Microsoft 365, ERP systems, and data center operations. Experienced in managing enterprise infrastructure, security policies, and high-availability networks.

EDUCATION

Master of Science in Information Technology - Institute of Information Technology 2024
Jahangirnagar University (Bangladesh) CGPA : 3.31/4.00

Bachelor of Science., Engineering - Electronics and Communication Engineering 2018
National University, Bangladesh (Bangladesh) CGPA : 2.84/4.00

RESEARCH INTERESTS

Internet of Things, Data Analytics, Machine Learning, Wireless Network & Signal Processing, Big data and Cyber Security, Renewable Energy, Medical Image Processing.

EMPLOYMENT HISTORY

Deputy Manager, IT Labib Group, Dhaka, Bangladesh January 2026-Till Now

Assistant Manager, IT Labib Group, Dhaka, Bangladesh March 2024-December 2025

Achievements :

- Managed and maintained enterprise IT infrastructure, including MikroTik routers, Layer 2/3 switches, Sophos Firewalls, VPNs, and network security solutions to ensure high availability and performance.
- Administered Windows and Linux (RHEL) servers, VMware vSphere environments, storage systems, databases, and web servers, ensuring system reliability, security, and business continuity
- Oversaw Microsoft 365, Exchange, DNS, SSL, cPanel, email services, website hosting, and IP PBX platforms (Asterisk, FreePBX, 3CX) to support seamless business operations.
- Led infrastructure modernization, ERP implementation, disaster recovery planning, backup management, system migrations, and new site deployment projects while maintaining operational efficiency.
- Developed IT strategies, governance frameworks, security policies, budgets, vendor management processes, and technology roadmaps aligned with organizational objectives and compliance requirements.

Senior Executive, IT & MIS Palmal Group of Industries, Dhaka, Bangladesh June 2021-Feb 2024

Achievements :

- Managed Windows-based services like DHCP, DNS, RDS, and Group Policies.
- Engineered and maintained VMware ESXi environments and office LAN setups (pfSense).
- Troubleshoot and maintained user accounts, email systems, and site-authorized software.

Executive, IT & MIS Bengal Hurricane Group, Dhaka, Bangladesh Jan 2019-May 2021

Junior Executive, IT & MIS Bengal Hurricane Group, Dhaka, Bangladesh Jan 2018-Dec 2018

Achievements :

- Provided desktop, network, and application support ; managed network infrastructure.
- Installed and configured hardware, software, and servers, including cabling and troubleshooting.
- Acted as a single point of contact for service improvements and continuity plans.

PROFESSIONAL TRAINING

- **ISP Setup Using Cisco, Juniper, MikroTik with OLT**, CSL Training 60 Hours, 2026
- **Red Hat Certified System Administrator (RHCSA)**, CSL Training 56 Hours, 2022
- **Microsoft Certified Solutions Associate (MCSA)**, ITQ Solutions Sep 2019 - Nov 2019
- **Web Development with PHP & Laravel**, UY Lab 40 Hours, 2026
- **Web Programming using PHP/MySQL**, University of Dhaka May 2017 - July 2017
- **Python Programming**, NACTAR Feb 2025 - Mar 2025

PUBLICATIONS

Total Number of Publication : Journal Article/Conference Article/Book Chapters/Book : 10+ publications, available on request

- Rahman,.. M., Islam, M. R., Islam, S. M. A. ., & Shajal, M. A. H. . (2025). Smart water leak detection using wireless sensor networks . Review of Computer Engineering Research, 12(2), 66-79. <https://doi.org/10.18488/76.v12i2.4216>
- Rahman, M. ., & Islam, M. R. (2025). IoT-based automated case generation system for traffic rule violations . Review of Information Engineering and Applications, 12(1), 1-14. <https://doi.org/10.18488/79.v12i1.4083>

Research profiles : ResearchGate : researchgate.net/profile/Mahfujur-Rahman-40
Google Scholar : bit.ly/4oa45Ru

SKILLS

Server Administrator : MCSA, RHCSA, DevOps Engineering, AWS Cloud Practitioner

Network Administrator : MTCNA, CCNA, Juniper, OLT

Virtualization : VMware ESXi, Hyper-V and Cloud Platform

Firewall : Palo Alto, Fortigate, Sophos, Barracuda

Mail Server : Zimbra, Microsoft Exchange, Microsoft Office 365

Data Base Server : Microsoft SQL, MySQL

Programming : HTML, PHP, C, C++, Python, Laravel, WordPress

Cyber Security : Ethical Hacking, Ethereum, Solidity

Data Analysis and Statistics : JMP, Minitab

Design and Modeling Tools : LabVIEW, MATLAB, Latex, Microsoft Office

Hardware Tools : Experienced with IoT, Microcontroller, and Project Development.

Software Tools : Proteus, Fritzing, Arduino IDE, Git, XAMPP, SQLyog, and Cisco Packet Tracer.

Technical Writing : Research Article Writing, Funding Proposal Writing, Report Writing, and Documentation.

Languages : Bengali (fluent), English (Conversational), Hindi (conversational), Urdu (conversational), German (beginner)

HONORS AND AWARDS

- **Best Employee Award for Technical Division**, Labib Group 2025, Dhaka, Bangladesh.
- **Champion**, Project Showcasing, Internal Project Fair ISTT 2016 ; Institute of Science, Trade & Technology, Bangladesh.

PROFESSIONAL ORGANIZATIONS

- **Member**, The Institute of Electrical and Electronics Engineers (IEEE) *2025-present*
- **General Member**, Bangladesh IT Professional Network (BITPN) *2026-present*
- **Member**, Industrial Engineers Association of Bangladesh (IEAB) *2025-present*
- **Member**, Bangladesh Association Of Engineers (BAE) *2025-present*
- **Member**, Volunteer for Bangladesh *2016-present*
- **Former Member**, Engineers Association of Bangladesh (EAB) *2023-2025*
- **Former General Secretary**, IEEE ISTT Student Branch *2018-2019*
- **Former Executive Director of Event Management**, ISTT Innovation Hub *2017-2020*

REFERENCES

Available on request.