

MAHFUJUR RAHMAN

Address: East Ananda Nager, Mazar Road,
Mirpur TSO, Mirpur, Dhaka 1216
Mobile No: +8801676526318
[E-mail](mailto:mahfuj.ece@gmail.com) : mahfuj.ece@gmail.com
[LinkedIn](https://www.linkedin.com/in/mahfujur-rahman-a647a517b): LinkedIn/mahfujur-rahman-a647a517b
[Website](http://www.mahfuj-ece.com): www.mahfuj-ece.com
[Github](https://github.com/mahfuj1318): https://github.com/mahfuj1318



CAREER SUMMARY

IT professional with 8+ years of experience in System Administration, Network Administration, Database Administration, firewall security, Linux & Windows servers, virtualization, and enterprise IT support. Skilled in MikroTik, Cisco, Juniper, OLT, 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.

EDUCATIONAL BACKGROUND

Master of Science., Information Technology Jahangirnagar University Institute of Information Technology	Graduating 2024 3.31 CGPA
Bachelor of Science., Engineering National University, Bangladesh	Graduating 2018 2.84 CGPA
Electronics and Communication Engineering	

PROFESSIONAL EXPERIENCE

Labib Group Deputy Manager, IT - 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.	March 2024 – Present
Palmal Group of Industries Senior Executive, IT & MIS - Managed Windows-based services like DHCP, DNS, RDS, and Group Policies. - Engineered and maintained VMware ESXi environments and office LAN setups (pfSense). - Developed and implemented strategic IT plans, policies, and disaster recovery solutions. - Troubleshoot and maintained user accounts, email systems, and site-authorized software.	June 2021 – February 2024
Bengal Hurricane Group Executive, IT & MIS - 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.	January 2018 – May 2021

TECHNICAL SKILLS

- **Server Administrator:** MCSA, RHCSA, 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
- Cyber Security:** Ethical Hacking, Ethereum, Solidity
- Data Base Server:** Microsoft SQL, MySQL
- Programming:** HTML, PHP, C, C++, Python, Laravel, WordPress
- Software Tools:** Proteus, Fritzing, Arduino IDE, Git, XAMPP, SQLyog, and Cisco Packet Tracer.
- Hardware Tools:** Experienced with IoT, Microcontroller, and Project Development.
- Data Analysis and Statistics:** JMP, Minitab
- Design and Modeling Tools:** LabVIEW, MATLAB, Latex, Microsoft Office
- Technical Writing:** Research Article Writing, Funding Proposal Writing, Report Writing and Documentation.
- **Language Skills:** Bengali (fluent), English (Conversational), Hindi (conversational), Urdu (conversational), German (beginner)

RESEARCH EXPERIENCE

Total Number of Publication: Published Journal Article/Conference Article/Book Chapters/Book: 10+

ResearchGate: <https://www.researchgate.net/profile/Mahfujur-Rahman-40>

Google Scholar: <https://bit.ly/4oa45Ru>

- A Paper Entitled **"IoT-Based Automated Case Generation System for Traffic Rule Violations"** has been published on *Review of Information Engineering and Applications*, 12(1), 1-14. (2025).
<https://doi.org/10.18488/79.v12i1.4083>
- A Paper Entitled **"Smart water leak detection using wireless sensor networks"** has been published on *Review of Computer Engineering Research*, 12(2), 66-79. (2025).
<https://doi.org/10.18488/76.v12i2.4216>
- A Paper Entitled **"Real-Time IoT-Based Wireless Interaction System for Patients with Disabilities"**. has been published on *Journal of Advance Research in Computer Science & Engineering (ISSN 2456-3552)*, 10(1), 8-16. (2025).
<https://doi.org/10.61841/y3dgzz18>

ACHIEVEMENTS

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

EXTRACURRICULAR ACTIVITIES

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| • Student Member , The Institute of Electrical and Electronics Engineers (IEEE) | 2025 – Present |
| • General Member , Bangladesh IT Professional Network (BITPN) | 2026 – Present |
| • Member , Member, Industrial Engineers Association of Bangladesh (IEAB) | 2025 – Present |
| • Member , Volunteer for Bangladesh | 2016 – Present |
| • Former Member , Engineers Association of Bangladesh (EAB) | 2023-2025 |
| • Former Executive Director of Event Management , ISTT Innovation Hub | 2017-2020 |

REFERENCES

- **Dr. M Shamim Kaiser**, Organization: Institute of Information Technology (IIT), Jahangirnagar University, Designation: Professor, Mobile: 01711932323, Email: mskaiser@juniv.edu
- **T.M Raihanul Islam**, Organization: Palmal Group of Industries, Designation: DGM (Head of IT & MIS), Mobile: 01844512125, Email: tm.raihan@palmalgarments.com