

Md. Shahriar Rahman

📍 Puali Madaripur, Ward no. 09, Post: Amira Gopalpur, Kalkini, Madaripur, Bangladesh ✉ msrtarit@gmail.com

☎ +8801738883211 in msrtarit 🌐 msrtarit

Education

Master of Science in Computer Science and Engineering (M.Sc. Engg. in CSE) 13/05/2025 - Current

Bangladesh University of Engineering and Technology

cse.buet.ac.bd 🔗

Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering (B.Sc. Engg. in CSE) 06/01/2019 - 12/12/2024

Patuakhali Science and Technology University

www.pstu.ac.bd 🔗

Patuakhali, Bangladesh

- CGPA: 3.55/4.0, Merit Position: 5th, Thesis: Enhancing Network Intrusion Detection with Deep Learning

Technologies

Domain Expertise	Cybersecurity, Digital Forensics, Machine Learning, Django
Security Tools	Wireshark, Cisco Packet Tracer, Burp Suite, FTK, Autopsy, Volatility
Programming Languages	Python, C, C++, SQL, Java
Internet of Things (IoT)	Raspberry Pi, NodeMCU, Arduino, MQTT, RF, Bluetooth, WiFi
Database	MySQL, PostgreSQL, SQLite, SQL Server
Miscellaneous	Git, GitHub, Docker, LaTeX, Markdown, Linux, Microsoft Office

Experience

Lecturer 06/08/2025 - 31/12/2025

Department of Computer Science and Engineering (CSE)

Z. H. Sikder University of Science and Technology ([ZHSUST](#)) 🔗 Bhederghonj, Shariatpur, Bangladesh

- Teaching undergraduate courses in Computer Science and Engineering.
- Guiding students in projects and research related to cybersecurity and machine learning.

Mentor/Course Instructor 13/02/2024 - 22/03/2024

ITEE LEVEL-2 Examination Preparation Course

Dept. of CSIT, PSTU

Patuakhali, Bangladesh

- Taught a 60-hour course on Computer Science and IT Business fundamentals, covering hardware, software engineering, database, security, and more.

Database Administrator 01/01/2022 - 11/12/2024

PSTU Diary Android App

Patuakhali Science and Technology University

- Maintained database for the [PSTU Diary Android App](#) 🔗, managing contact information.

Publications

Enhancing Network Intrusion Detection with Deep Learning: A Comprehensive Analysis 2024

Md. Mahbubur Rahman, Md. Shahriar Rahman, Chinmay Bepery, Md. Atikur Rahaman, Md. Samsuzzaman

IEEE-2024 27th International Conference on Computer and Information Technology (ICCIT) [🔗](#)

DOI: [10.1109/ICCIT64611.2024.11022353](https://doi.org/10.1109/ICCIT64611.2024.11022353) [🔗](#)

Honours and Awards

Full Passer of Fundamental IT Engineer Examination (ITEE FE) 21/10/2023

Bangladesh Computer Council (BCC), ICT Division, Ministry of IT, Bangladesh

Projects

IoT Based Water Quality Monitoring System using Raspberry Pi 2023 - 2024

- Developed an IoT system to monitor water quality using dissolved oxygen, pH, and temperature sensors.

Li-Fi Communication using Arduino 2024

- Built a Li-Fi system using Arduino, C++, LDR, and hardware for wireless data transmission via light.

Fingerprint Authentication System for Coffee Vending Machine 2023

github.com/bhyeanhasan/iot-biometric-server [🔗](#)

- Created a fingerprint-based coffee vending machine system using Arduino and Django.

Complain Management System 2022

github.com/msrtarit/ComplainBox [🔗](#)

- Developed a web app for anonymous complaints with authority selection.

Drawing Map or Shape with Fourier 2020 - Current

github.com/msrtarit/DrawingWithFourier [🔗](#)

- Built a JavaScript project to draw shapes using Fourier functions.

Achievements (CTF)

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- BCS ICT FEST 2025 (15th), CYBER RAID 2025(17th), MIST LeetCon 2023 (24th), University Cyber Drill 2022 (9th), National Cyber Drill 2022 (17th), Riot Center Flag Hunt 2022 (25th).

Volunteering

Vice President (Administration) 01/01/2024 - 23/05/2025

CSE Club, Patuakhali Science and Technology University

- Hosted PSTU IT Carnival 2024, Southern Bangladesh's largest IT carnival.

Assistant General Secretary (Project) 2022 - 2023

CSE Club, Patuakhali Science and Technology University

- Organized PSTU IT Carnival 2023, managing network and server operations.

References

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- **Md Mahbubur Rahman**
Assistant Professor, Department of Computer Science and Information Technology, Patuakhali Science and Technology University
mahbub.cse@pstu.ac.bd, +8801556449873
 - **Professor Chinmay Bepery**
Chairman, Department of Computer Science and Information Technology, Patuakhali Science and Technology University
chinmay.cse@pstu.ac.bd, +8801922361666

- **Professor Dr. Md. Samsuzzaman**

Department of Computer and Communication Engineering, Patuakhali Science and Technology University
sobuz@pstu.ac.bd, +8801712653210