

MD. MOSFIQUR RAHMAN

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EDUCATION

Dhaka International University

Sep 2023 – Dec 2027

Bachelor of Science in Computer Science and Engineering

5th Semester, CGPA 3.00

National School and College, Badda

Sep 2020 – Dec 2022

Higher Secondary Certificate

GPA 4.33

Badda Alatunnessa Higher Secondary School

Sep 2018 – Dec 2019

Secondary School Certificate

GPA 4.50

RESEARCH INTEREST

My research focuses on the intersection of Machine Learning, Cyber Security, and Blockchain, aiming to develop interpretable, data-driven frameworks for socio-economic and sustainable smart systems. I work on predictive modeling and behavioral analytics using IoT and decentralized data to enhance decision-making, security, and transparency. My goal is to build trustworthy, efficient, and sustainable computational models that address real-world challenges in urban development and digital ecosystems.

PROJECTS

Biosteller – Team BioNova-X

- Created a planetary defense platform using NASA Near-Earth Object (NEO) data.
- Developed a space-biology learning platform to explore and visualize biological data from space experiments.
- Integrated AI-driven knowledge retrieval for scientific exploration and education.

Routine Management System

- Developed using Java (Swing Framework).
- Designed an interactive platform for managing class schedules and routines efficiently.
- Implemented user-friendly UI for admin and students with data validation and storage integration.

EXPERIENCES

Online Sales Executive

Apr - May 2025

Unifrenz

Inbound

April - May 2024

Probashi Mart

Packaging Assistant

May 2024

Probashi Mart

ACHIEVEMENTS & PARTICIPATION

NASA International Space Apps Challenge 2025 – Team BioNova-X

picoCTF 2024 Competition – Online Contest

COMMUNITY INVOLVEMENT

DIU CSE Volunteer Club - DIU CVC	<i>IT Secretary</i>	<i>Nov 2025 – Present</i>
DIU CSE Speakers Club - DCSC	<i>IT Secretary</i>	<i>May 2025 – Present</i>
DIU Computer Programming Club - DIU CPC	<i>Social Media Manager</i>	<i>Mar 2025 – Present</i>
DIU CSE Volunteer Club - DIU CVC	<i>Former Executive Member</i>	<i>Sep 2024 – Oct 2025</i>
DIU CSE Cyber Security Club - DIU CSE CSC	<i>Former Executive Member</i>	<i>Apr 2024 – Sep 2025</i>

TECHNICAL SKILLS

Languages: Python (Basic), C, C++(Basic), Java(Swing), Javascript(Basic), SQL (MYSQL).

Cybersecurity Ethical Hacking: CTF Basics, Linux Basics, Ethical Hacking Basics.

Platforms: Hack The Box, TryHackMe, PicoCTF.

Dev-Tools: Git, GitHub, VS Code, PyCharm, IntelliJ IDEA.

Productivity: MS Office 365, Google SpreadSheet, Google Docs, Google Slides, Canva.

EXTRA-CURRICULAR ACTIVITIES

The Stage Play “Romeo and Juliet”	<i>Actor (Role: Lord Capulet)</i>	<i>Oct 2025</i>
3rd International Conference on Big Data, IoT Machine Learning	<i>Volunteer</i>	<i>Sep 2025</i>
Dr. A.B.M. M.I Patwari Inter Department Football Tournament	<i>Organizing Secretary</i>	<i>Jul - Aug 2025</i>
Dr. A.B.M. M. I. Patwari CSE Intra-Department Football Tournament	<i>Organizing Secretary</i>	<i>Apr - May 2025</i>
Dr. M. I. Patwari CSE Intra-Department Cricket Tournament	<i>Equipment and Transport Secretary</i>	<i>Oct - Nov 2024</i>