

Md. Meraj Mridha

 mdmerajmridha34@gmail.com

 +8801997588476

 Sylhet, Bangladesh

 [linkedin.com/in/md-meraj-mridha/](https://www.linkedin.com/in/md-meraj-mridha/)

 github.com/Meraj2349

Education

Shahjalal University of Science & Technology,
B.Sc. in Software Engineering

2022-current
Sylhet, Bangladesh

Skills

Languages: Javascript, Typescript, Python, SQL, Java, C++, C
Concepts: Object-Oriented Programming (OOP), Design Patterns
Technologies/Framework: Node.js, Express.js, PostgreSQL, MongoDB, Next.js, Selenium, Docker, WebSockets, XML
Tools & Platforms: Git, Kaggle, Jupyter Notebook, Visual Studio Code

Experience

BdSL Bangla Sign Language, Machine Learning Project

- Implemented SVM feature extraction and trained LSTM model on research dataset

Astrobee Kibo Robot Programming Challenge

- Contributed to autonomous robot programming using Java

Competition & Achievements:

- Therap Javafest 2025** - Qualified participant, passed the competition
- NASA Space Apps Challenge** - International hackathon participant
- UIHP Farm AI Project**—2nd Runner-up

Projects

SmartSchool, React, Express.js, MySQL

- Developed a full-stack school management system using React.js, Express.js, and MySQL. Designed and built an admin panel to manage student/teacher information, track attendance and results, and handle online admissions. Implemented an interactive learning platform and event management.

ICERIE website, Next.js, Tailwind CSS, Express.js, MongoDB

- Collaborated on the design and development of the ARCES 2024 project using Next.js. Contributed to feature implementation (navbar, homepage, track page), performed bug fixes, and participated in code reviews. Utilized Git for version control and practiced collaborative software development.

Library Management App, Java, XML, Firebase

- Engineered a full-featured Android library system using Java and Firebase. The system includes full CRUD operations for managing book inventory, secure user authentication, and real-time data synchronization. Features like advanced search and categorization were implemented with an intuitive Material Design interface.

SkillMate AI Platform, Java Swing, Firebase, MongoDB

- AI-powered educational platform aggregating courses with personalized learning paths and progress tracking

FarmAI, Next.js, Tailwind CSS, Express.js, MongoDB

- Contributed to AI-driven agricultural solution with feature development and collaborative coding

Problem Solving

Solved 400+ problems across multiple platforms

- Platforms: LeetCode, Codeforces, CodeChef, VJudge
- Consistent practice in DSA

Organizations

Chokh Film Society (CFS), Vice President

Tangail Students' Association of SUST, General Secretary

University Innovation Hub Program (UIHP), Campus Ambassador

Aug ,2025 – present
May,2023–Nov 2024
Nov,2022–present