MD Rehman Toufique

 Dhaka, Bangladesh

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Education

BSc in Computer Science and Engineering   *Jan 2020 – Jun 2025*
Rajshahi University of Engineering & Technology

Achievements

○ Codeforces   Max Rank: **Specialist**   Max Rating: **1480**

○ Codeforces   Best Contest Rank: **937**

Technical Skills

- **Problem Solving**: Solved over 1000 algorithmic problems on Codeforces, Leetcode, HackerRank, and Project Euler. Proficient in Algorithms, Data Structures, Number Theory, OOP, and Dynamic Programming.
- **Programming Languages**: C, C++, JavaScript, Python, PHP
- **Web Development**: HTML, CSS, Node.js, Express.js, React, PHP
- **Databases**: MySQL, MongoDB
- **Tools & Version Control**: Git, GitHub, VS Code
- **Machine Learning**: Regression, Classification, Clustering with Scikit-learn, Numpy, Pandas, Matplotlib
- **Operating Systems**: Linux (Ubuntu), Windows

Projects

Multi-Vendor E-Commerce Platform   *GitHub*

- Built a full-stack multi-vendor e-commerce site with role-based dashboards and secure JWT auth.
- Integrated real-time chat using Socket.IO and implemented admin approval for sellers.
- Applied CORS, rate limiting, and bcrypt for API security and data protection.
- **Tools Used**: MongoDB, Express.js, React, Node.js, JWT, Socket.IO

Real-Time Multiplayer Tic-Tac-Toe   *GitHub*

- Developed a real-time multiplayer game with matchmaking and AI bot integration.
- Used Socket.IO for event-driven communication between players.
- **Tools Used**: Vanilla JavaScript, Node.js, Express.js, Socket.IO

Movie Sentiment Analysis   *GitHub*

- Built a sentiment classifier for IMDB reviews using Naive Bayes and KNN.
- Performed NLP preprocessing with NLTK (tokenization, stop-word removal).
- **Tools Used**: Python, Pandas, Scikit-learn, NLTK, NumPy

Web Messaging System   *GitHub*

- Developed a PHP-based messaging system with user login and session auth.
- Handled message storage and retrieval via MySQL.
- **Tools Used**: PHP, HTML, CSS, MySQL