

# MD Rehman Toufique

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🔄 mdtoufique

🌐 Portfolio

## Education

**BSc in Computer Science and Engineering**  
Rajshahi University of Engineering & Technology

Jan 2020 – Jun 2025

## 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:** Node.js, Express.js, React.js, PHP, HTML, Tailwind CSS
- **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:** React.js, Node.js, Express.js, MongoDB, JWT, Socket.IO

### Courier & Parcel Management System – MERN Stack

[Live Demo](#) [🔗](#)    [GitHub](#) [🔗](#)

- Built a full-stack parcel tracking platform with role-based dashboards for Admins, Agents, and Customers.
- Enabled real-time parcel status updates and alert system for failed deliveries using Socket.IO.
- Implemented secure JWT authentication with protected routes and role-based access control.
- **Tools Used:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.IO, JWT

### Full Stack Todo App

[Live Demo](#) [🔗](#)    [GitHub](#) [🔗](#)

- Created a user-specific task manager with JWT authentication and protected API routes.
- Implemented full CRUD for tasks with real-time UI updates and "Spin to Pick a Task" feature.
- Frontend and backend deployed separately using Vercel.
- **Tools Used:** React.js, Node.js, Express.js, MongoDB, JWT, Tailwind CSS

### Real-Time Multiplayer Tic-Tac-Toe

[Live Demo](#) [🔗](#)    [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