



MD MAHABUB RAHMAN

BACK-END DEVELOPER

CONTACT

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- Jhenaidah, Khulna, Bangladesh
- [GitHub](#)

SKILLS

- Languages:** JavaScript (ES6+), TypeScript
- Frameworks / Libraries:** Node.js, Express.js, NestJS (basic)
- Database:** MongoDB, Prisma ORM, PostgreSQL (basic)
- API:** RESTful API, Microservices
- Tools:** Git, GitHub, Postman, Docker (basic)
- Others:** JWT Authentication, Role-based Authorization, Error handling, Production-level logging

PROFESSIONAL SUMMARY

Experienced MERN Stack Developer with a strong focus on Backend Development, especially using Node.js, Express.js, NestJS, MongoDB, and Microservices Architecture. Proven track record of delivering scalable, secure, and high-performance web applications. Currently expanding expertise in Microservices, Docker, and Message Brokers like RabbitMQ/Kafka.

WORK EXPERIENCE

Backend Developer

Betopia Group
February 2025 – Present

- Working on production-grade backend systems used by real clients and business users.
- Designed and developed scalable RESTful APIs using Node.js, Express.js, and MongoDB.
- Built real-time communication systems using Socket.IO for chat and live data features.
- Implemented secure authentication systems using JWT and role-based access control (RBAC).
- Integrated payment gateways and handled complete transaction workflows with proper validation and security.
- Developed backend services for web and mobile applications with optimized database design.
- Worked with complex business logic, multiple user roles, and large datasets.
- Focused on performance optimization, clean architecture, and maintainable code structure.
- Used Git for version control and followed agile development workflow.
- Collaborated closely with frontend developers, UI/UX designers, and project managers to deliver production-ready features.

MERN Stack Intern

Itransition, United Kingdom (Remote)
September 2024 – December 2024

- Completed a hands-on MERN Stack internship with strong focus on backend development.
- Practiced real-world problem solving using JavaScript, Node.js, Express.js, and MongoDB.
- Built multiple small full-stack projects with proper API design and database structure.
- Developed a strong foundation in scalable backend architecture and coding best practices.

LANGUAGES

- Bangla (Fluent)
- English (Intermediate)

REFERENCE

A B M Shawon Islam

Sr. Faculty, Creative IT Institute

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PROJECTS

On-Demand Snow Removal Service App: ([github link](#))

Tech Stack: Node.js, Express.js, MongoDB, TypeScript, JWT, REST API

- Developed a two-sided marketplace backend where customers can post snow removal job requests, and providers can accept and complete tasks.
- Built REST APIs using Node.js, Express.js, TypeScript, MongoDB for job posting, bidding, task management, and payment processing.
- Implemented secure JWT-based authentication for both customer and provider roles.
- Added role-based access control, order tracking, and payment status update features.
- Ensured production-level error handling, validation, and performance optimization.

MatchMate - Social Matchmaking App (Tinder-style): ([github link](#))

Tech Stack: Node.js, Express.js, MongoDB, TypeScript

- Building a modern social matching app where users can create profiles, swipe to like or dislike other profiles, and get matched on mutual interest.
- Designing and developing REST APIs with Node.js, Express.js, TypeScript, MongoDB, focusing on scalability and performance.
- Implementing JWT-based authentication, profile verification, and real-time match notifications.
- Developing features like swiping logic, match listing, unmatched/block functionality, and in-app messaging.
- Following production-level best practices including rate-limiting, input validation, and secure data handling.

EDUCATION

Master Node Js

2024 - 2025

One Year Academy

Mern Stack Development

2022 - 2023

Creative IT Institute

B.Sc in CSE

2021 - 2024

First Capital University of Bangladesh

GPA: 3.36 / 4.0

HSC

2018- 2020

Jhenaidah Technical School & Collage

GPA: 4.20/ 5.0