

Md Nazmul Haque

Junior Backend Developer

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

Career Objective

Self-driven backend developer with hands-on experience in Node.js, Express.js, and MongoDB. Passionate about building secure, scalable web applications and eager to grow into a full-stack Software Engineer who solves real-world problems through technology.

Technical & Soft Skills

Backend Expertise: Node.js, Express.js, MongoDB, JWT, REST API, Firebase Authentication

Frontend Knowledge: JavaScript (ES6), React.js, Tailwind CSS, HTML5, CSS3

Tools: Git & GitHub, npm, VS Code, Netlify, Vercel

Soft Skills: Problem Solving, Time Management, Adaptability, Communication

Projects

Social Serve(June 2025 – July 2025)

[Live Site](#) | [Client Code](#) | [Server Code](#)

Developed the backend of a social event platform using Node.js, Express.js, and MongoDB. Faced challenges with protected API access and auth persistence, which were solved using Firebase Auth integration and JWT-based route protection.

- **Authentication & Authorization:** Implemented secure login system using Firebase Auth and JWT-based protected routes for backend API security.
- **RESTful API Development:** Built scalable APIs using Express.js to handle event creation, updates, joining, and user-specific data fetching.
- **Database Integration:** Designed MongoDB schemas and performed CRUD operations with proper validation and query optimization for performance.
- **Error Handling & Security:** Applied middleware for error handling, input validation, and route-level access protection.
- **Environment Configuration:** Used .env to manage environment variables securely and deployed backend services with efficient CORS and server structure.

Tech Stack:

Node.js, Express.js, MongoDB, JWT, Firebase Auth, Dotenv, CORS

Gardening Community(may 2025 – june 2025))

[Live Site](#) | [Client Code](#) | [Server Code](#)

Built the backend for a gardening community platform using Node.js, Express.js, and MongoDB, enabling full CRUD operations with proper access control. Faced issues with real-time like updates and data filtering, resolved through optimized schema design and controller logic.

- **Authentication & Authorization:** Implemented secure user login and role-based access using Firebase Auth and JWT to protect API routes.
- **Database Design & Optimization:** Created efficient MongoDB schemas for gardening tips, user interactions, and real-time like updates.
- **API Development:** Built RESTful APIs with Node.js and Express.js to handle full CRUD operations with input validation.
- **Real-time Features:** Developed like/unlike functionality with seamless updates to enhance user engagement.
- **Filtering & Sorting:** Added controller logic for filtering gardening tips based on difficulty levels (Easy, Medium, Hard).
- **Error Handling & Security:** Ensured robust backend performance with middleware for error handling and secure environment variable management.

Tech Stack:

Node.js, Express.js, MongoDB, JWT, Firebase Auth, Dotenv, CORS

Education

BSC in Mathematics (2023 – Present),National University

Language

- Bengali (Native)
- English (Intermediate)