

Riyad Hossain

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

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Technical Skills

Languages: C, C++, Python, JavaScript, TypeScript, SQL, MySQL, PostgreSQL

Technologies: React, Next.js, Node.js, Express.js, MongoDB, Mongoose, Django

Tools: Git, GitHub, VScode, Postman, Redis

Experience

Immabeme Solution Ltd.

Backend Engineer (Node.js & MongoDB)

Noida, India

Jun 2021 - Oct 2023

- Enhanced the restaurant API by implementing efficient query handling techniques, reducing response times by **30%**, which improved user experience and system reliability.
- Identified and fixed **100+ bugs** using rigorous **stress debugging** practices, improving the application's performance and stability by 25%.
- Designed and developed Waiter APIs using **RESTful** principles, bridging gaps between customers and restaurant owners, which increased system usability by 20% for staff operations.

Projects

Jobster [WEBSITE](#) | [GITHUB](#) | [DEMO](#)

Aug 2023 - Feb 2024

- Architected and developed an employee recruiting application using the **MERN stack**, featuring job postings, application tracking, and role-specific dashboards to streamline the hiring process.
- Implemented secure authentication and authorization utilizing bcrypt hashing, JWT, and cookie system in order to enhance platform security.
- Integrated efficient state management and data fetching throughout the application using RTK Query, enabling seamless **API integration** to enhance application performance and maintainability.
- Build a scalable and flexible database schema by implementing **MongoDB** with **Mongoose**, enabling efficient data modeling and database consistency principles.

Employee Management System [WEBSITE](#) | [GITHUB](#) | [DEMO](#)

Nov 2024 - Jan 2025

- Developed a multi-role web application with **Next.js** and **Node.js** to streamline employee and project management processes, enhancing operational efficiency across the organization.
- Introduced employee onboarding features with **automated email notifications** implementing Nodemailer and **Google SMTP** to improve project workflow.
- Optimized data fetching and caching mechanisms with TanStack Query, streamlining API integration and ensuring a responsive and reliable user experience.
- Implemented role-specific dashboards, providing tailored insights, analytics, and actionable tasks to support data-driven decision-making at every organizational level.

Achievements & Activities

- Solved **1000+** programming problems on Codeforces and attained "Specialist" rank (Max: 1410), showcasing strong problem-solving and algorithmic skills. [Profile](#)
- Achieved 3-star rating on CodeChef (Max: 1637), demonstrating proficiency in competitive programming. [Profile](#)
- Recognized in the **top 5%** of the cohort during the Complete Web Development Bootcamp by Programming Hero, completing rigorous training and 3+ React projects. [certificate](#)

Certifications & Training

- CSE Fundamentals** (Phitron): Built strong foundations in programming, DSA, OOP, and databases; solved 800+ coding problems.
- Complete Web Development** (Programming Hero): Mastered web technologies like HTML, CSS, JavaScript, React, Node.js, Express, and MongoDB. [certificate](#)