

ARIJIT MONDAL

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Professional Summary

Full-Stack Web Developer with hands-on experience building scalable, high-performance applications using React.js, Node.js, and MongoDB. Proficient in developing secure RESTful APIs, integrating real-time features with Socket.IO, and managing application state using Redux and Zustand. Contributed to collaborative projects focused on performance optimization, user experience, and maintainable code architecture.

Technical Skills

- **Languages & Databases:** C, C++, JavaScript, TypeScript, HTML, CSS, MongoDB
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Redux, Zustand, Socket.IO, Mongoose, Tailwind CSS
- **Tools & Platforms:** Git, GitHub, VS Code, Postman

Projects

Doctor Appointment Booking Application | [GitHub](#) | [Live Demo](#) Jan 2025 – Jan 2025

- Engineered a full-stack doctor appointment system using **React.js, Redux, Node.js, Express.js, and MongoDB**, featuring role-based dashboards for doctors and admins.
- Integrated secure **JWT-based authentication**, appointment scheduling, and **Razorpay** for online payment processing.
- Managed file uploads using **Multer and Cloudinary**, reducing manual effort by **50%**.
- Increased booking efficiency by **approximately 40%**, supporting **over 100 users** through backend optimization and streamlined workflows.

Task Management Application | [GitHub](#) | [Live Demo](#) Apr 2025 – May 2025

- Developed a full-stack task management system using **React.js, Zustand, Node.js, Express.js, and MongoDB**, enabling efficient project organization and workflow tracking.
- Implemented secure JWT authentication and improved task state handling efficiency by **35% using Zustand**.
- Integrated **over 15** backend endpoints using Express and Axios, deployed a responsive UI compatible with **40+ device types** using Tailwind CSS.
- Enabled full **CRUD** operations with optimized performance across user tasks.

Real-Time Chat Application | [GitHub](#) | [Live Demo](#) Feb 2025 – Mar 2025

- Built a real-time 1-on-1 chat application supporting **over 50 users**, optimizing message delivery speed and server response latency.
- Integrated JWT authentication, **user profile management**, and real-time presence tracking using **Socket.IO**.
- Managed global state using **Zustand** for active chats, online user status, and real-time event synchronization.

Education

Diploma in Computer Science and Technology

2023 – 2026 (Expected)

Berhampore Polytechnic College, West Bengal

3rd Year, 5th Semester | **GPA: 8.3 / 10**

Certifications & Achievements

- Solved over 150 problems on data structures and algorithms on LeetCode.
- JavaScript Certification, Complete Coding | [Verify](#)
- React & Redux Certification, Knowledge Gate | [Verify](#)