

# Rupam Bhadra

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## Projects

### Foodie-Fiesta Demo [Admin](#) [Github](#)

- **Seamless Ordering & Secure Authentication** – Developed a full-stack food delivery platform enabling **user authentication, real-time cart management, and secure checkout.**
- **Dynamic Admin Panel & Order Tracking** – Built an **admin dashboard** for managing **food items, orders, and users**, with **order status updates, promo code integration, and payment tracking** for an enhanced user experience.
- **Optimized Performance & Image Uploads** – Implemented **Multer** for **image uploads**, **Context API** for **state management**, and **efficient API handling** to ensure smooth performance and a visually appealing UI.
- **Technology Used: Reactjs, Nodejs, Expressjs, MongoDB, Typedjs, Multer, CSS**

### Social-Media-Website Demo [LinkedIn post](#) [Github](#)

- **Developed a full-stack social media platform** using **React, Node.js, Express.js, and MongoDB**, allowing users to create, like, comment, and delete posts.
- **Implemented user authentication and profile management** using **JWT authentication and Redux Toolkit**, enabling users to update their username, bio, and profile picture.
- **Integrated features for social interaction**, including **following users, saving posts, and viewing posts, saves, and replies**, with efficient database queries using **Mongoose**.
- **Ensured secure role-based access control**, restricting actions like **post and comment deletion** to owners while maintaining a seamless user experience.
- **Technology Used: Material UI, Reactjs, Nodejs, ExpressJs, MongoDB, Redux toolkit, Redux toolkit Query, Cloudinary, JWT**

### Online-Examination-Website Demo [Github](#)

- Enables teachers to create **SAQ-based** exams with timers, manage **student authentication, and monitor results**. Students can attend exams securely, with **real-time answer saving and result generation**.
- Teachers can view **exam-wise student participation**, check individual answers, and upload marks(**Only One time**). Students can view detailed results post evaluation. **Integrated chat system** allows real-time 1:1 messaging with online/offline status tracking. Teachers can generate questions using **AI question generator (any difficulty)**.
- **Built using React, Node.js, Express.js, and MySQL with Socket.IO** for real-time messaging. Ensures smooth user experience with auto-scroll messaging, secure login, and responsive, user-friendly UI.
- **Technology used : Reactjs, NodeJs, ExpressJs, MySQL, Socket IO, JWT**

## Education

Barasat Mahatma Gandhi Memorial High School *10th - 93.28 percentage*    *Sept 2008 – june 2022*  
12th- 90 percentage  
Maulana Abul Kalam Azad University of Technology CGPA - 9.18

## Experience

### Full Stack Intern Oasis Infobyte

*Remote*  
*Feb 2024 – Mar 2024*

- **Developed and deployed a full-stack web application** using **React, Node.js, Express.js, and MongoDB**, enhancing functionality and user experience.
- **Collaborated with a team to design scalable backend services**, optimize API performance, and

implement secure authentication.

## Technologies

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**Programming Languages:** C, C++,Python JavaScript

**Frontend Development:** React.js, Material UI, CSS, SCSS

**State Management:** Redux, Redux Toolkit

**Backend Development:** Node.js, Express.js,Socket IO

**Database & APIs:** MongoDB, Postman, MySQL

**Version Control & Collaboration:** Git, GitHub