Rajdip Bandopadhyay

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Experience

ORBOL Group	**March 2024 – Present**
Advance Website Development Intern	**Remote**

Utilizing the MERN stack alongside Next.js and Figma, we've integrated an OTP verification system into the frontend. This system leverages React.js, Node.js, Express.js, MongoDB, Tailwind CSS, and Twilio to provide secure and seamless verification processes

Education

Techno International New Town	**September 2021 – June 2025**
Bachelor of Technology in Computer Science and Engineering	*Kolkata, West Bengal*

Maulana Abul Kalam Azad University of Technology, West Bengal
CGPA: 8.4/10 (Till 4th Sem)

Nirol High School	**March 2021**
Higher Secondary (2021): 80.8%	*Nirol, West Bengal*

Skills

- ✓ **Programming Languages**: C, C++, Java, JavaScript
- ✓ **Database**: SQL, MongoDB
- ✓ **Web Technology:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS, HTML, CSS, JavaScript, Bootstrap
- ✓ **Others**: Data Structures and Algorithms, Object Oriented Programming, Operating System, Database Management System, Git & Github

Projects

Tack Your Project ⬈ / *React Js, Node Js, Express Js, MongoDB, Tailwind CSS, Redux, Cloudinary*   **May 2023**

- ✓ Utilizing React Js, Node Js, Express Js, MongoDB, Tailwind CSS, Redux, and Cloudinary, our advanced task tracking web application offers:
- ✓ **Advanced Authentication and Authorization:** Secure user access with JWT tokens and bcrypt encryption, categorized into owner, admin, or employee roles.
- ✓ **Advanced Filtering**: Efficiently manage tasks with sophisticated filtering options based on various criteria.
- ✓ **File Upload:** Seamlessly attach files to tasks for collaboration and reference with Multer and Cloudinary.
- ✓ **Task Status Tracking:** Monitor task progress from creation to completion with comprehensive tracking capabilities.
- ✓ Multiple Project Support: Manage multiple projects concurrently for enhanced organization and productivity.

Airbnb Clone ⬈ / *Node Js, Express Js, MongoDB, Ejs, CSS, Bootstrap, Cloudinary*   **November 2022 - January 2023**

- ✓ The project entails the replication of Airbnb's room rental platform, leveraging a robust tech stack consisting of **Node.js**, **Express.js, MongoDB**, **EJS**, **CSS, JavaScript**, **Bootstrap**, and **Cloudinary**.
- ✓ **User Authentication:** Implemented secure user authentication mechanisms to ensure user identity verification and access control.
- ✓ **Comment Management and Media and Details Management:** Empowered users with the ability to contribute comments and delete under rental listings. Owners possess the authority to manage and moderate comments associated with their listings. Facilitated property owners in uploading images and furnishing comprehensive details regarding their listings. Leveraged Cloudinary for efficient storage and retrieval of images, ensuring optimal performance and scalability.

Chat Application ⬈ / *React Js, Node Js, Express Js, Tailwind CSS, Socket.io*   **May 2023**

- ✓ This project entails the creation of a real-time chat application using the **MERN** (**MongoDB**, **Express.js**, **React.js**, **Node.js**) stack augmented with **Socket.IO** for seamless WebSocket communication.
- ✓ **Real-time Communication:** Leveraged the power of Socket.IO to enable real-time bidirectional communication between clients and the server, ensuring instantaneous message delivery and updates.
- ✓ **Chat Room Creation:** Empowered users with the ability to create and join chat rooms based on their requirements.

Achievements

SIH 2023 Selected in college level (Group Project)   **September 2023**

- ✓ This project focuses on the development of a machine learning model (CNN) capable of identifying various skin diseases through images. Additionally, the system provides users with suggestions for nearby doctor locations for consultation and treatment.

Interests

- ✓ **Coding:** Solved 200+ coding problems across GFG and Leetcode.