

# Hritu Raj

MAHMADPUR BADAL ,MUZAFFARPUR BIHAR - 843119

📞 9693188201    ✉ [rajhritu06@gmail.com](mailto:rajhritu06@gmail.com)     [Linkedin](#)     [Github](#)

## EDUCATION

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**Indian Institute Of Information Technology Tiruchirappalli**      December 2021 – April 2025  
*Bachelor of Technology in Electronics And Communication Engineering (8.37)*      *Tiruchirappalli*

## TECHNICAL SKILLS

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**Languages:** C++,C,JavaScript,HTML/CSS

**Developer Tools:** VS code ,MongoDB,MySQL,Git,GitHub

**Relevant Coursework:** Data Structures And Algorithm, Object Oriented Programming , Computer Network,DataBase Management System, Operating System

**Technologies and Frameworks:** ReactJs,NodeJs,ExpressJs,TailwindCss,Material UI,Redux

## PROJECTS

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**ChatFusion | Socket.IO,MaterialUI,ReactJs,NodeJs,Multer** | [Deploy](#) [Github](#)      July -2024 – Present

- Engineered a real-time chat application with live and group chat functionalities using Socket.io .
- Developed user management features including message and user moderation capabilities.
- Integrated multimedia support for seamless sharing of images, audio, video, and files.
- Designed a responsive and intuitive UI with Material-UI, including real-time online status tracking.

**Kharido | ReactJs,ReduxJs/toolkit,TailwindCss** | [Deploy](#) [Github](#)      May -2024 – June-2024

- Developed a fully responsive e-commerce website with Stripe payment integration and an admin dashboard.
- Utilized NodeMailer for payment confirmations and implemented Redux for optimal state management.
- Enhanced user experience with shimmer effects and other advanced UI features.
- Prioritized user experience by ensuring smooth navigation and readability across different screen sizes.

**Namaste Youtube | ReactJs,ReduxJs/toolkit,TailwindCss** | [Deploy](#) [Github](#) March -2024 – March 2024

- Implemented debouncing techniques to enhance responsiveness and optimize user interactions.
- Designed a threaded discussion feature, allowing users to engage in meaningful conversations.
- Integrated a live chat API for seamless real-time communication and instant feedback.
- Enabled instant messaging and community building through interactive features.

## ACHIEVEMENTS

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- **Ranked 191 in ICPC Regionalist 2023**, showcasing exceptional problem-solving abilities and teamwork in competitive programming.
- **LeetCode rating of 1815**, solving advanced algorithmic challenges that demonstrate strong coding and debugging skills, especially in C++.(hrituraj08).
- **3-star rating** on CodeChef, consistently participating in coding contests to hone problem-solving and analytical thinking.
- Solved **750+ algorithmic problems** across multiple platforms, including LeetCode and GeeksforGeeks, further proving expertise in data structures, algorithms, and optimization techniques.

## EXTRA CURRICULAR

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- **Carrom Club Coordinator** – Organized events, managed member engagement, and coordinated with administration.