

Kallol Khatua

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[Linkedin](#) • [Github](#)

West Bengal, India

EDUCATION

- **B.Tech, Instrumentation and Control Engineering**
Dr B. R. Ambedkar National Institute of Technology (NIT) Jalandhar
CGPA: 8.06 • Aug'23 - Jun'27
- **Higher Secondary**
Kultikari Kshirodamoyee High School
Percentage: 90.4% • Aug'20 - Jun'22

SKILLS

- HTML
- CSS
- JavaScript
- Bootstrap
- React.js
- Node.js
- Express.js
- MongoDB
- Socket.IO
- EJS
- Netlify
- Render

PROJECTS

Brief Insight - APIs based Weather Application [Link](#)

React JS • Material UI • Bootstrap • CSS • PWA • OpenWeather API

- **Real-time** weather information using openWeather API.
- Search weather information based on city.
- Downloadable on device as a standalone application using **PWA** feature.

Todo Pilot – Task management application [Link](#)

React JS • Material UI • Bootstrap • CSS • PWA • LocalStorage

- Store task in **localStorage**.
- Task list is remain at fingertips by implementing offline functionality by configuring **PWA** setting.

Invito - Social network platform [Link](#)

EJS • CSS • JavaScript • Node JS • Express JS • MongoDB • **Socket.IO** • clouinary

- Added robust **authentication** and **authorization** functionalities for seamless Sign up, Login and Logout activities with **100%** security.
- Manage assets using **clouinary**.
- Included **Email Verification** using OTP.
- Implemented **Text Messaging** feature to enhance user engagement.

DebateBox – Open Debate and Discussion platform [Link](#)

EJS • CSS • JavaScript • Node JS • Express JS • MongoDB • **Socket.IO** • **WebRTC**

- Contained secure **authentication** and **authorization** for signup, login and logout activities with **100%** security.
- Utilized **WebRTC APIs** to create peer-to-peer **video communication**, allowing users to engage in discussion through video calls.
- Introduced **Group Messaging** feature on every debate room to enhance user engagement.

Gamevita – Remote user Tic Tac Toe Game [Link](#)

EJS • CSS • JavaScript • Node JS • Express JS • **Socket.IO**

- Used **Socket.IO** for bi-directional communication.

ACHIEVEMENTS

- Secured a ranking of 4 out of 848 participants at Hack Fusion 2024 hackathon organized by **NIT Jamshedpur**.
- Participated in [Hackoona Matata](#) hackathon organized by **IIIT Kottayam**.

POSITION OF RESPONSIBILITY

- **Member** | NITJ official robotics club (**R-Tist**)