

Ujjwal Sharma

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SUMMARY

Proficient in the MERN stack, with hands-on experience in building secure and responsive applications using **JWT authentication** and **Socket.io** for seamless real-time interactions. Developed various projects including a fully authenticated chat application, a weather web app, and an interactive chess game using **Node.js**, **Express.js**, and **chess.js**. Skilled in delivering user-focused solutions, from backend architecture to intuitive front-end experiences. Excited to leverage my technical expertise and problem-solving skills to build dynamic, scalable applications.

PROJECTS

Chess Web-App

chess-js.onrender.com/ • October 2024 - November 2024

- Developed an interactive chess web application using Node.js, Express.js, socket.io, and chess.js, enabling users to play real-time matches online.
- Integrated **socket.io** for real-time, two-player communication, allowing smooth, instant game updates with minimal latency.
- Utilized **chess.js** for accurate game logic, enforcing chess rules and providing features such as move validation and game history tracking.
- Created a **user-friendly interface** with responsive design, making it accessible on various devices.

Chat Web-App

fullstack-chatapp-nm4e.onrender.com/ • January 2024 - March 2024

- Developed a fully functional chat application using the MERN (MongoDB, Express, React, Node.js) stack, delivering a seamless user experience with real-time responses.
- Implemented **socket.io** to enable **real-time, two-way communication**, ensuring instant message delivery.
- Integrated **JWT (JSON Web Token)** for **secure authentication**, maintaining **user data privacy** and enforcing **authorized access**.
- Designed a **responsive UI** with **React**, providing a consistent experience across devices.
- Built and managed **RESTful APIs** in **Node.js** and **Express** for efficient data handling and optimized performance.

Weather Web-App

weather-app-six-nu-82.vercel.app/ • September 2023 - October 2023

- Built a weather web application using modern web technologies to deliver accurate, up-to-date weather information for global locations.
- Integrated with **third-party APIs** to fetch real-time weather data, including temperature, humidity, and forecast details.
- Designed a **responsive and user-friendly interface** with clean visuals, allowing seamless access across desktop and mobile devices.
- Utilized **JavaScript** to create dynamic UI elements, providing users with interactive features like location-based weather search.

EDUCATION

Bachelor Of Technology

RD Engineering College • Ghaziabad • 2024 • 7.8

Intermediate

Shiksha International School • Modinagar • 2020 • 7.4

High School

Shiksha International School • Modinagar • 2018 • 7.4

SKILLS

Language: Java, Javascript, HTML, CSS

IT Constructs: DSA, OOPS, DBMS

Library/Frameworks: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap

Databases: MongoDB

Technologies: Restful APIs, JSON, JWT, Socket.io

Tools & Platform: Git, Github, VS Code