MUDIT SINGH

MERN Stack Developer

✉ muditsingh1414@gmail.com   📞 7014720630   in mudit-singh-99a9a2223   ⬡ GitHub

PROJECTS

Chatify – Real-Time Chat Application with MERN Stack ⬈   Feb 2025 - Mar 2025

Developed a real-time chat app enabling instant messaging, online user status, and secure authentication.
- **Backend:** Built REST APIs with Node.js, Express.js; integrated Socket.io for real-time messaging; used MongoDB and JWT for authentication.
- **Frontend:** Designed a responsive UI with React.js, TailwindCSS, and Daisy UI; managed state with Zustand.
- **Features:** Real-time messaging, online user tracking, and error handling on both client and server sides.

Advanced Spotify Clone – Full-Stack Music Streaming Platform ⬈   Mar 2025 - Apr 2025

Developed a music streaming platform with advanced playback, social, and analytics features.
- **Backend:** Built REST APIs with Node.js, Express.js; used MongoDB and Socket.io for real-time functionality.
- **Frontend:** Designed a responsive UI with React.js, TailwindCSS, and Daisy UI
- **Features:** Music playback controls, admin dashboard, real-time chat, user activity tracking, and analytics page.

EDUCATION

University Institute of Engineering, Chandigarh University, Punjab, India

Bachelor of Engineering in Computer Science   June 2021 - Jan 2025

CGPA: 8.39/10 (expected)

Warren Academy School, Jaipur, Rajasthan, India

CBSE (class XII): **aggregate 94.2%**   2019 – 2020
CBSE (class X): **aggregate 96.33%**   2017 – 2018

EXPERIENCE

Joint Secretary (IEEE CUSB)   Mar 2023 - Apr 2023
- Helped in planning and organizing events and activities such as Treasure Hunt with over 400 footwork.
- Facilitated effective communication between members and committees.
- Supported the smooth execution of branch initiatives and ensured continuity during transitions.
- Maintained proper documentation and records of branch operations.

Treasurer (IEEE CIS CUSB)   Oct 2022 - Mar 2023
- Managed the financial operations of the IEEE CIS CUSB Student Branch.
- Oversaw all fundraising efforts and ensured proper documentation.
- Organized and transferred financial records to the incoming Treasurer to ensure continuity and transparency.

TECHNICAL SKILLS

- Core Skills: API Development & Integration, JavaScript Mastery, React Expertise, Node.js Knowledge, Express.js Proficiency, MongoDB Skills, Deployment Skills, Problem-Solving & Debugging
- Programming: JavaScript (ES6+), SQL, React.js, Node.js, Express.js, MongoDB, HTML/CSS, Version Control (Git), TailwindCSS.
- Cloud Technologies: AWS, Azure, Snowflake

ACHIEVEMENTS

1. **Conference Paper accepted in ICICSO-2023**
   - Conference Paper on Blockchain-Enabled Platform for the Real Estate Industry
   - Presented at International Conference on Intelligent Computing, Simulation and Optimization (ICICSO-2023)

2. **IEEE IC Hack 2022 | B.M.S. College of Engineering (Bangalore)**
    - o   Finalist in IC Hack 2022 held by IEEE at B.M.S. College of Engineering, Bangalore
3. **Smart India Hackathon (SIH) 2023 | Chandigarh University (Mohali, Punjab)**
    - o   Top 70 among 700+ teams participating in SIH 2023