

# Ridham Mahajan

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## Education

**Dr.BR Ambedkar National Institute of Technology Jalandhar**  
*Bachelor of Technology in Computer Science (CGPA:8.23 )*

Expected May 2026  
Jalandhar, Punjab

## Technical Skills

**Languages:** C++, Java, Python, C, TypeScript, JavaScript, HTML, CSS.

**Technologies:** React.js, MongoDB, Express.js, Node.js, Next.js, TailwindCSS, Pandas, Numpy, Matplotlib, MS Excel, SQL.

**Coursework:** Operating System, Machine Learning, OOPS, DBMS, Computer Architecture, Data Structures

## Projects

### Job Portal Site | *NodeJs,Reactjs,Expressjs,MongoDb* | [Check Code Here](#)

- Developed a feature-rich job portal using the MERN stack, enabling seamless interaction between recruiters and job seekers, including job postings, applications, and profile management.
- Implemented secure user authentication and role-based access control to ensure a personalized experience for recruiters and applicants.
- Implemented advanced filtering and search functionality for job seekers to find relevant job opportunities based on location, skills, and experience".
- Integrated real-time notifications and application status updates to enhance user engagement and improve usability.

### Online Chat Site | *NodeJs,Reactjs,Expressjs,MongoDb* | [Check Code Here](#)

- User Authentication and Presence: The application allows users to create accounts and login securely. Once logged in, users can see a list of online users, indicating who is available for chat. This feature ensures that only authenticated users can participate in conversations and helps users know the presence status of their contacts.
- Real-Time Messaging: Users can engage in real-time text-based conversations with other logged-in users. Messages are instantly delivered and displayed in a chat window, providing a seamless and interactive communication experience. The app also supports features like message notifications, read receipts, and typing indicators to enhance user interaction.

### Doctor-appointment-site | *NodeJs,Reactjs,Expressjs,MongoDb* | [Check Code Here](#)

- Patient Booking System: Patients can browse through a list of available doctors, view their profiles, specialties, and availability. They can then book appointments with the doctor of their choice based on their specific needs and preferences.
- Doctor Registration and Application: The application allows qualified medical professionals to apply and register as doctors on the platform. This feature includes a verification process to ensure the credentials and qualifications of the applicants, maintaining the quality and trustworthiness of the healthcare providers available to patients.
- User Profiles and Medical History: Doctors can see their profiles and maintain a detailed record of their medical history. This information is helpful during appointments to provide better and more personalized care. They can also alter their profile like their timings of availability etc.

## Achievements

- **Leetcode:** Solved 600+ problems, covering a wide range of data structures and algorithms. Achieved a highest rating of 1894, demonstrating strong problem-solving skills. [View Profile](#)
- **GeeksForGeeks:** Successfully solved 500+ problems, focusing on a variety of data structures and algorithms. Attained a Coding Score of 1800+, showcasing a deep understanding of core concepts. [View Profile](#)
- **Codechef:** Participated in numerous competitive programming contests, achieving a highest rating of 1604 (3 star). Demonstrated consistent performance in tackling complex coding challenges. [View Profile](#)
- **Codeforces:** Engaged in global coding competitions, achieving a highest rating of 1000+. Gained valuable experience in algorithmic problem-solving under time constraints. [View Profile](#)