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## Rohan Thakur

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### Objective

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To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

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### Education

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- **D.C. Collegiate Senior Secondary School**  
12th 2022  
84.5
- **DAV Institute of Engineering and Technology**  
Bachelor of Computer Applications 2025

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### Skills

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- Languages: HTML, CSS, JavaScript, C++, Python
- Framework: NextJS, ExpressJS, NodeJS
- Library: ReactJS, Typescript
- Databases: MongoDB, SQL, Supabase
- MERN Development
- FullStack web development
- Spring Boot
- Data Structures and Algorithms

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### Projects

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- **Vacation Rental Marketplace**  
Developed a web application for listing and booking vacation rentals using Next.js and Supabase. The platform includes user authentication, property listings, search and filter capabilities, and booking management. Implemented real-time data synchronization and optimized for both desktop and mobile experiences.
- **Real-Time Chat Application**  
Tech Stack: MERN, Socket.io, TailwindCSS, Daisy UI, JWT, Zustand  
Description:
  - Developed a full-stack chat application with real-time messaging features using the MERN stack.
  - Implemented authentication and authorization with JWT for secure user login and data protection.
  - Enabled real-time messaging with Socket.io, allowing users to communicate instantly.
  - Integrated online user status using Socket.io and React Context for real-time updates.
  - Managed global state across the app using Zustand, ensuring efficient state management.
  - Designed a responsive and intuitive user interface with TailwindCSS and Daisy UI.
  - Deployed the app for free, showcasing best practices in deployment and error handling on both the server and client side.
- **The Quiz App**  
Technologies Used: React, JavaScript, HTML, CSS  
Description: Developed an interactive quiz application using React that allows users to take quizzes, view their scores, and review their answers. The app features a dynamic user interface, state management with React hooks, and responsive design for a seamless experience across devices.

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### Interests

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- Photoshop
- Surfing through internet for knowledge
- Reading Books
- Volleyball