SAHIL KAMBLE

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Education

Indian Institute Of Technology, Roorkee, India
Bachelors Of Technology, Chemical Engineering
Aug 2023 - May 2027

Relevent CourseWorks

- Data Structures and Algorithms
- Full Stack web Development
- AI Tools Workshop (Be10x)

Experience

TEDxIITRoorkee
Web Developer
July 2024 - Present

- Developed an animated web application of a well known club of IIT Roorkee ,To help them showcase their events, invited speakers, Past history, team members and component to sell t-shirts and tickets.
- Had a great experience of transforming exact figma design into Dynamic and interactive web application.
- Got to learn lot many insightful things and best practices from seniors.

NSS IITRoorkee
Web Developer
July 2024 - Present

- Contributed to public Git Repository of Web application of NSS_IITRoorkee.
- Worked with team of 4 member, this helped me to enhance my team work skills, Advanced Git-Github skills and also improved my software technological skills.
- Made highest contributions among all teammates.

Projects

Real time Video-Conferencing Application. | *MERN + Socket.io + Extra tools*
May 2025

- It's a Real time web communication system, enables real-time video conferencing with peer-to-peer connections for seamless communication.
- Integrated a real-time chat system within meetings, facilitating instant messaging and collaboration among participants during live sessions
- Implemented secure user authentication and authorization using tokens and best practices, ensuring only authorized users can access meetings and chat functionalities .

Online Property Rental Platform. | (*Node.js, Express, MongoDB, HTML) + Extra tools*
December 2024

- It's a full-stack property hosting platform enables users to list, edit, and manage rental properties with images, detailed descriptions, and customizable per-day pricing.
- Implemented advanced search and filtering features, allowing users to browse, rate, and review listings, as well as search by destination and filter by categories for an enhanced user experience
- Integrated dynamic pricing calculations with GST application, ensuring transparent and accurate price updates for both hosts and guests.

Technical Skills

Languages : Java , Python, JavaScript ,C++ .
Frontend : HTML, CSS, JavaScript, React.js, Tailwind CSS, GSAP(Animations), Redux
Component Libraries : Material Ui, Daisy Ui, Bootstrap.
Backend : Node.js, Express.js .
Databases: MongoDB (Primary), SQL.
Other Tools: Git-Github, Socket.io (WebRTC), Cloud Platform, MongoDB Atlas, Vercel, Render.com, AI Prompting (ChatGPT, Claude, Gemini, Perplexity, CursorAI) --- Free Versions .

Extracurricular/Recognitions

- Working as a web developer at TEDxIITRoorkee & NSS IIT Roorkee (Club/Society)
- Helped as a Marketing member of NSS IIT Roorkee for social summit 2024 .
- 2X Particpation in Hackathons (Software track).
- 260+ Problems solved on Leetcode.
- Rated 1072 on Codeforces(Beginner).
- Paticipated in Snap Syntax Event of Cognizance'24(Tech fest) at IIT Roorkee.