Sahil Yuvraj Kamble

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EDUCATION

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

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C++
Frontend : HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS, Redux, GSAP (Animations), Material UI, Daisy UI, Bootstrap
Backend : Node.js, Express.js
Databases : MongoDB, SQL
Extra tools & technologies: Git, GitHub, Socket.io, Cloud Platform, MongoDB Atlas, Vercel, Render.com

PROJECTS

Full-Stack Professional Microblogging & Networking Platform 🔗 ProTweet *Dec 2024 - Jan2025*
Technologies: Next.js + TailwindCSS, Node.js, MongoDB, Express.js, Shadcn UI.

- Built a **scalable full-stack platform** with Next.js, Node.js, Express, MongoDB, shadcn and Tailwind CSS—enabling users to post, like, comment, and share—with **15+ RESTful endpoints.**
- Engineered **professional networking workflows**, including editable user profiles with past-work entries, connection requests management, and one-click PDF resume export.
- **Secured and optimized APIs** with JWT-based authentication and role-based authorization across **10+ RESTful endpoints**.

Real time Video-Conferencing Application 🔗 LiveCircle *May 2025 - June2025*
Technologies: MERN Stack, Socket.io

- Developed a **real-time web communication** system enabling seamless video conferencing via peer-to-peer (WebRTC) connections for efficient live interaction.
- Integrated **in-call chat functionality**, allowing participants to collaborate through instant messaging during meetings.
- Implemented secure **token-based user** authentication and authorization, ensuring only authorized users access meetings and chat, following industry best practices.

Online Property Rental Platform 🔗 Wanderlust *Dec 2024 - Jan2025*
Technologies: Node.js, Express, MongoDB, HTML

- Built a full-stack **property hosting platform** enabling users to list, edit, and manage **rental properties** with images, descriptions, and customizable per-day pricing.
- Implemented **advanced search and filtering**, user ratings, and reviews to enhance **discoverability** and **user experience**.
- Featured **dynamic pricing** with GST calculations for transparent, accurate pricing for hosts and guests.

ACHIEVEMENTS

Graph Theory Camp
AlgoUniversity | Apr 2025 – Apr 2025
Selected as a mentee from a pool of over **20,000+ students** across various colleges in India for a specialized graph theory camp led by a Codeforces Master. Acquired advanced problem-solving techniques related to graph data structures.

Competitive Programming
Codeforces | June 2024 – Present
Actively participates in Codeforces competitions, having taken part in over 25 Div 2/3/4 contests, with a **peak rating of 1168**.

Problem Solving
LeetCode | June 2024 – Present
Completed approximately **300+ problems** on LeetCode, achieving a highest contest rank of **3150** & earning various **Badges**.

Codebase Contribution
NSS IITRoorkee| Dec 2024 – Feb 2025
Contributed the most code among a **5-member team** to publicly overhaul the Social Summit website's theme on **GitHub**.

Hackathon Participation
Syntax Error'24 | Sept 2024 – Sept 2024
Engineered the frontend of a student notes-sharing app (post, react, comment) for efficient exam prep, within **4member team**.

Website Development
TEDxIITRoorkee| Mar 2025 – Apr 2025
Built an animated React web app for TEDxIITRoorkee, converting exact Figma designs into an interactive website.