

SAHIL KUMAR GAUTAM

Full Stack Developer

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PROFESSIONAL SUMMARY

BCA student (2024–2027) and self-taught MERN stack developer who has independently planned, built, and deployed two production-live full-stack applications — a rental listing platform and a real-time WebRTC video conferencing app. Comfortable across the stack from database schema design to REST APIs to responsive UI, with particular strength in real-time systems (Socket.io, WebRTC). Seeking a full-stack Front-end or back-end development internship or full-time job to contribute to real product features.

EDUCATION

10th Standard — UP Board	2021
12th Standard — UP Board	2023
Bachelor of Computer Applications (BCA)	2024–2027 (Pursuing)

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI
Backend: Node.js, Express.js, REST APIs, Socket.io, WebRTC, Session-based Authentication
Database: MongoDB, SQL (fundamentals)
Tools & Practices: Git, GitHub, Render, EJS, MVC Architecture, RESTful API Design

PROJECTS

Wonderlust — Full-Stack Rental Listing Platform

Tech - Node.js, Express.js, MongoDB, EJS, Bootstrap

March 10, 2026

Live Demo: <https://wonderlust-ooph.onrender.com>

- Built a full-stack rental listing platform covering property browsing, image uploads, detail pages, user reviews, and listing management end to end.
- Implemented session-based authentication and authorization, restricting create/edit/delete actions on listings to logged-in owners.
- Designed MongoDB schemas for listings, users, and reviews, and structured the backend using MVC architecture with RESTful routing.
- Deployed and tested the complete user flow on Render, from signup through listing creation to review submission.

Sahil-Zoom — Real-Time Video Conferencing App

Tech - React.js, Node.js, Express.js, Socket.io, WebRTC

March 27, 2026

Live Demo: <https://sahil-zoom.onrender.com>

- Built peer-to-peer audio/video calling using WebRTC with Socket.io signaling to handle room creation and participant join/leave events.
- Implemented core meeting features: join/create room, mute/unmute, video toggle, screen sharing, and live in-call chat.
- Developed responsive React components for media controls and live meeting state that update without full page reloads.
- Managed backend room and session state in Express.js to support smooth multi-participant join and leave flows.