



# Anirudh G. Sarve

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## SUMMARY

I'm a curious and self-motivated Computer Engineering student who loves building things that solve real-world problems. From creating **Roomate**, a roommate-finding platform, to developing **Educationora**, a student-friendly learning hub, I've turned ideas into full-stack products that people actually use. I enjoy working across both **software and electronics**—whether it's writing clean code in JavaScript or prototyping with Arduino. With a strong grip on web development, embedded systems, and UI/UX, I blend technical skills with creativity and a problem-solving mindset. I'm also passionate about startups, teamwork, and learning by doing.

## EXPERIENCE

### Founder, Full Stack Developer, UI/UX Designer, Project Manager

#### Roomate

December 2024 - Present, Mumbai

- Developed **RoomieConnect**, a full-stack web app (MERN stack) to simplify roommate and shared room searches for students, professionals, and employees.
- Implemented **room listing**, **search filters**, and **real-time chat** using Socket.IO.
- Integrated **Razorpay** for unlocking contact details through micro-payments (₹5–₹10).
- Used **Cloudinary** for multi-image room uploads and **MongoDB + Mongoose** for efficient querying and filtering.
- Built a responsive, modern UI using **React.js** and **Tailwind CSS**, with animated transitions.
- Added **map-based location previews** using Leaflet/Google Maps.
- Personally conducted **offline outreach** to PGs/hostels to onboard listers and promote adoption.
- Handled **end-to-end development**, **UI/UX**, **backend APIs**, and business strategy.

#### Co-Founder

#### Educationora

March 2022 - June 2023, Palghar

- Developed **Educationora**, a centralized study platform to help students access curated academic resources like **study materials**, **guides**, **textbooks**, and **viva FAQs**.
- Designed and implemented a **clean, student-friendly UI** for easy navigation across branches and subjects using **React.js** and **Tailwind CSS**.
- Created a **resource management system** where admins could upload/update materials, categorized by subject, year, and type (notes, books, viva).
- Integrated a **search and filter system** to help users quickly find relevant content.
- Optimized file handling and downloads using **Cloudinary** or **direct file links**.
- Led **content structuring**, **UI/UX design**, and **feature planning** to align with student needs.
- Promoted the platform within college networks to onboard initial users and gather feedback for improvement.

## EDUCATION

### Computer Engineering

Vidyalankar Institute of Technology • Wadala, Mumbai • 2024 • 10

### High School

Sonopant Dandekar Shikshan Mandali • Palghar • 2021 • 92%

## SKILLS

#### 📄 Programming Languages

JavaScript, C, Java, HTML5, CSS3

#### 📄 Web Development

Node.js, Express.js, React.js(basic), REST APIs, EJS, MongoDB, Mongoose, Tailwind CSS, Bootstrap, Socket.IO, JWT, Passport.js

#### 📄 Tools & Platforms

Git, GitHub, Postman, Cloudinary, Razorpay Integration, Firebase, Vercel, MongoDB Atlas

#### 📄 Electronics & Hardware

Arduino, Raspberry Pi, Sensors & Actuators, Circuit Design, PCB Designing, IoT Prototyping

Databases: MongoDB

