

RUDRA RAVAL

✉ sonudharam.raval79@gmail.com [in LinkedIn](#) [Github](#) [+91-8200757692](#)

EDUCATION

Indian Institute of Information Technology, Bhopal(MP)	2022-26
<i>B.Tech in Information and Technology CGPA: 8.33/10 (Till 6th sem)</i>	
Jai Jalaram International School, Anand(GUJ)	2022
<i>XII Percentage: 74.46</i>	
Bhartiya Vidya Bhavans, Narsanda(GUJ)	2020
<i>X CGPA: 8.9</i>	

PROJECTS

Vibesphere [\[Source\]](#) [\[Live\]](#)

- Built a social media platform for **sharing posts and videos** using **ReactJs** and **Tailwind CSS**, with responsive UI.
- Orchestrated **user authentication**, **profile management**, and **CRUD operations** using **Appwrite** for **secure file storage**.
- Integrated **FFmpeg** for enabling **video uploading**, optimizing **transcoding**, and **streamlining** storage in **Cloudinary**.
- Implemented **in-app purchase** functionality for features like **royal badges** using **Node.js**, **ExpressJs**, and **Stripe**.

Pokemon-search [\[Source\]](#) [\[Live\]](#)

- Developed a polished Pokedex interface using **ReactJs**, **Redux**, and **Tailwind CSS**, for state management and user interactions.
- Integrated **PokeAPI** for fetching detailed Pokemon data with **pagination** and responsive design.
- Connected backend with firebase for **user authentication and favorites management**.
- Enhanced security with **password hashing** and **token-based authentication** for robust user sessions using firebase.

Storify [\[Source\]](#) [\[Live\]](#)

- Tech Stack and Technologies: **Next.js 15**, **React 19**, **Tailwind CSS**, **Appwrite**, **ShadCN-UI**, **TypeScript**, **Zod**
- Implemented user authentication with **OTP** functionality with the help of **Appwrite**
- Used Appwrite **Storage buckets** to implement upload files functionality for users.
- Implemented **Zod** for type validation, ensuring data integrity and error-free form handling.
- Developed file management features such as rename,organization(into types) and enabled sharing of files between users.

CODING PROFILES

CODEFORCES : Max. Rating 1160 [\[Profile\]](#)

LEETCODE : Max. Contest Rating 1630 [\[Profile\]](#)

CODECHEF : 3 star Max. Rating 1635 [\[Profile\]](#)

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Python, SQL

Web Development: HTML, CSS, JAVASCRIPT

Frameworks/Libraries: ReactJS, Node.js, Express.js, React Router, Redux, Tailwind CSS

Database: MongoDB, MySQL

Relevant Coursework: Data Structures and Algorithm, OOP's, Operating System, Computer Networks, DBMS

ACHIEVEMENTS

- Solved **1000+** coding problems across all the coding platforms
- Secured **6th Rank** in a college-level coding contest organized by CODAME - The Programming Club of IIIT Bhopal.
- Achieved **85th Rank** in Codechef Starters Div3 among 5k+ participants.
- Achieved **401th Rank** in Codechef Starters Div3 among 5k+ participants.

EXPERIENCE & VOLUNTEERING

Technical Head

Aug 2024 – Present

Inspire, MANIT, Bhopal

- Conducting and mentoring offline workshops on WebDev.

Codame Executive

Jan 2024 – Jan 2025

CODAME - The Programming Club of IIIT, Bhopal

- Conducting and making contest problems for juniors so that they can also developed their cp skills and conducted 10+ contest in college