

# RUDRA RAVAL

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## EDUCATION

**Indian Institute of Information Technology, Bhopal(MP)**

2022-26

*B.Tech in Information and Technology CGPA: 8.33/10 (Till 5th sem)*

## PROJECTS

**ChillZone** [\[Source\]](#) [\[Live\]](#)

- 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**.
- We can see,like and share various other users posts
- We can see our created,saved and liked posts

**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.

**Store\_chunk** [\[Source\]](#) [\[Live\]](#)

- Tech Stack: **React 19**, **Bootstrap CSS**, **Appwrite**.
- Implemented user authentication with **OTP** verification using **Appwrite**.
- Used Appwrite **Storage Buckets** to enable secure file uploads for users.
- Integrated **Zod** for schema validation to ensure data integrity and error-free form handling.
- Developed file management features including **rename**, **delete**, and **download** functionality.
- Designed and implemented a nested folder structure with support for creating subfolders at any level.
- Enabled smooth navigation and migration between folders for an intuitive file browsing experience.

## 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

**President**

Jan 2025 – Present

*Kalpavriksha, IIIT, Bhopal*

- Guiding students about importance of bhagvad gita in their lives so that they can make their life better

**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