Rahul Nagaura

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Education

Indian Institute of Technology (Indian School of Mines), Dhanbad	Expected June 2026
Bachelor of Technology in Chemical Engineering	*Dhanbad, Jharkhand*

- **Relevant Coursework:** Introduction to Programming

Vivekanand Sr. Sec. School, Danta	March 2021
Class XII	*Sikar, Rajasthan*
Adarsh Vidya Mandir, Danta	March 2019
Class X	*Sikar, Rajasthan*

Projects

Snapsack (E-commerce App) | *React, Ant Design, Node.js, Express, MongoDB*   🔘 SnapSack
- Developed a comprehensive e-commerce application with features including **User Authentication, Product Management, Shopping Cart, Payment Integration**, and Responsive Design.
- Designed and implemented front-end components with React, managed state using Redux and React hooks, and built backend RESTful APIs with Node.js and Express, improving application performance by **40%**.
- Created and managed MongoDB databases for data storage.

Streaming Application | *React, Redux, Node.js, Express, Firebase, CSS, TMDB API*   🔘 Netflix
- Developed a streaming application, managing state with Redux and React hooks.
- Built backend RESTful APIs with Node.js and Express, and integrated Firebase for authentication and real-time database functionality.
- Utilized the TMDB API for content data integration, adding over **100 movies and TV shows** to the platform.

Personal Portfolio Website | *HTML, CSS, JavaScript, React, Git, GitHub Pages*   🔘 Portfolio
- Designed wireframes and mockups for a clean, modern, and user-friendly interface.
- Developed the website using HTML, CSS, and JavaScript, with React for dynamic content.
- Deployed the site on GitHub Pages for accessibility and sharing.

Technical Skills

Programming Languages: C, C++ , JavaScript

Web Development: HTML/CSS Responsive Design, React, Node.js, Express, MongoDB, Tailwind CSS, Bootstrap

Data Structures and Algorithms: Proficient in Arrays,

Competitive Programming

- **Codeforces:** Rating 947 | rahulnagaura   **Problems Solved: 10**
- **CodeChef:** Rating 1147 | rahulnagaura   **Problems Solved: 90**
- Solved **200+ problems** on LeetCode, CSES, Codeforces, CodeChef, HackerRank, SPOJ, etc.

Extracurricular and Achievements

- Active member of Fast Forward India (NGO run by students of IIT Dhanbad)
- Organizer at IIT ISM Hackfest 2024
- Member of Organizing team of Srijan-Socio-Cultural Fest of IIT (ISM) Dhanbad
- Active member of CodeISM and Codetronics
- Volunteer at Blood Donation Camp Organised by Fast Forward India (NGO run by students of IIT Dhanbad)
- **Sports Engagement:** Hockey, Athletics.