Medhansh Rawat

B.Tech - Computer Science and Engineering
Indian Institute of Technology, Mandi
📅 2022-2026

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Mandi	8.54 (Up to 3rd semester)	2024-Present
Senior Secondary	CBSE	98.2%	2022
Secondary	CBSE	96.8%	2020

PROJECTS

- **Contentify** | Next.js Typescript Tailwind CSS shadcn Clerk Gemini PostgreSQL   *GitHub*
  - Developed an AI-powered content generation website specializing in creating content for blogs, articles, product descriptions,Instagram posts along with code generation and debugging.
  - Integrated a versatile rich text editor, enabling users to customize and edit generated content according to their requirements.
  - Leveraged the Gemini API to provide tailored content based on user prompt.
  - Includes copy functionality and a history section to save and manage user's previous generated responses.

- **Intelliform** | Next.js Tailwind CSS shadcn Clerk Gemini PostgreSQL   *GitHub*
  - Developed an AI-powered form builder application, Intelliform, which automates the process of form creation based on user prompts.
  - Implemented distinct themes and styles using Tailwind CSS and DaisyUI, enhancing user customization options.
  - Integrated Gemini API to dynamically provide relevant form fields and labels.
  - Utilized PostgreSQL for database management to store form data and user responses securely.

- **Planmaster** | React Vite Tailwind CSS   *GitHub*
  - Developed a planning application similar to Trello, named Planmaster, usinG React and Vite.
  - Implemented drag-and-drop functionality to allow users to plan and organize tasks efficiently.
  - Designed with a clean and intuitive user interface using Tailwind CSS for responsive styling.

TECHNICAL SKILLS

- **Programming Languages**: C++, Python, JavaScript
- **Libraries and Frameworks**: ReactJS, Next.js, Tailwind CSS, NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow
- **Tools and Technologies**: HTML, CSS, Git, GitHub, MySQL, Visual Studio Code, Google Colab

ACHIEVEMENTS

- Secured **2nd position** in Codeforces Super Mario Run challenge organized by Kamand prompt- The coding club of IIT Mandi
- Attained a max Leetcode rating of **1615**, solving **250+** problems and ranking among the top **20.58%** of individuals across the globe.   *Leetcode Profile*
- Attained a max Codechef rating of **1554**   *Codechef Profile*
- Ranked **1402** across India in the Kishore Vaigyanik Protsahan Yojana (KVPY), qualifying for and receiving the prestigious KVPY fellowship, placing in the top **2.8%** out of 50,000 participants.
- Achieved back-to-back qualifications for the prestigious **CBSE clusters national championship** in Table Tennis by winning **silver** and **gold** medals in the 2016 and 2017 CBSE clusters zonal tournaments respectively.

POSITION OF RESPONSIBILITIES

- Served as the **Co-coordinator** of Qurosity - The Quizzing Club of IIT Mandi, organizing quizzes and managing events throughout the tenure.   *Jul'23 - Jul'24*
- Appointed as the **Teaching Assistant** for the course Data Structures and Algorithms, facilitating student learning and assisting in course management.   *Mar'24 - May'24*
- Directed logistics and planning for the **Fit India Movement - Table Tennis event** held at IIT Mandi.   *Feb'24*

RELEVANT COURSEWORK

- **Computer Science courses**: Data Structures and Algorithms, Design and Analysis of Algorithms, Computer Architecture, Mathematical Foundations of Computer Science, Formal Languages and Automata Theory, Information and Database systems
- **Data Science courses**: Linear Algebra, Introduction to Python, Probability and Statistics, Machine Learning