

# MEHUL JAIN

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Chemical Engineering IIT (BHU), Varanasi	8.30	2025
CBSE (XII)	Central Public Sr. Sec. School	90.60	2021
CBSE (X)	Central Public Sr. Sec. School	92.80	2019

## SKILLS

- **Programming Languages:** C++/C, Python, JavaScript.
- **Development Technologies:** HTML, CSS, REACT, Node.js, Express.js., Mongo DB, VS Code, Git.
- **Areas of Interest:** Data Structures and Algorithms, Competitive Programming, Web Development.

## PROJECTS

### Website for Bloggers

May'23

*a blogging website project to create a platform for users to publish and manage their blog posts.*

- Designed and developed a responsive and user-friendly blogging website using HTML, CSS, and JavaScript.
- Created an intuitive user interface for browsing and searching blog posts, including categories, and tags.
- Implemented features for creating, reading, updating , and deleting blog posts and **MongoDB to fetch data**
- Implemented user authentication and authorization functionalities to allow users to create accounts, log in, and manage their blog posts, by using **MERN Stack**.

### Sorting Visualizer Project

Dec'22

*Developed a web-based sorting visualizer allowing users to visualize the sorting process step by step.*

- Developed a web-based sorting visualizer using **HTML, CSS, and JavaScript**, ensuring cross-browser compatibility.
- Implemented popular **sorting algorithms**, including Bubble Sort, Heap Sort, Merge Sort, and Quick Sort.
- Designed an intuitive and visually appealing user interface of the website with interactive controls for customizing array size, animation speed, and algorithm selection which makes it user friendly.
- Utilized data structures, such as arrays , to represent and manipulate the data during the sorting process.

## CERTIFIED COURSES

### Introduction to Git and GitHub | Google | Coursera

June, 2023

*Got a comprehensive understanding of version control and collaborative coding*

- Learned how to initialize repositories, manage branches, merge code, and collaborate effectively using GitHub's features, empowering my software development workflow.

### Summer Analytics | IIT Guwahati

May'23 - July'23

*I took a Summer Analytics course that provided a deep dive into techniques and tools for extracting insights from data.*

- Covered data collection, cleaning, and analysis, along with statistical methods, data visualization, and algorithms.
- This hands-on experience equipped me with the skills to interpret complex data, discover trends, and communicate findings effectively.

## POSITION OF RESPONSIBILITY

### Induction Mentor

Oct'22 - May'23

*Guided and Mentored a group of students to start their college life*

- Mentored **30+** freshers on *academics, extracurriculars, and overall career path* from the Chemical department
- Ensured prompt adjustment of freshers with the college culture by *in-person interaction* with seniors and faculties.

## HONOURS AND ACHIEVEMENTS

### General Achievements

- Engaged in active participation in **Devbits**, a highly competitive **web development competition**, where our team successfully developed a fully functional **website for stock trading**.
- Attained in the **Top 10 percent** in the **NMTC (National Mathematics Talent Contest)** within my institution.

## EXTRA-CURRICULAR ACTIVITIES

- Held the role of **Marketing Executive** for **E Summit'23**, contributing to the success of the event.

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