



Aditya Dawar

UG (IV Year I Semester)
B.Tech. (Chemical Engineering)
Contact No: 7000519809
Email: aditya_d@ch.iitr.ac.in
Registration No: 20112007/2024



Area of Interest

Software Development, Data Structure and Algorithms

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2023	B.Tech. 3rd Year	Indian Institute of Technology, Roorkee	6.649
2020	Intermediate (Class XII)	Shri Kanwartara Pub.Hr.Sec.School, Madleshwar, Khargone	83.80 %
2018	Matriculate (Class X)	Shri Kanwartara Pub.Hr.Sec.School, Madleshwar, Khargone	82.20 %

Internships

E-commerce | Robotronix

May 2023 - July 2023

- Developed a responsive E-commerce website with frontend built using HTML, Tailwind CSS, Tailblocks, JavaScript, ReactJS
- Successfully integrated a **Payment Gateway** for seamless transactions & **Google Maps** for location-based services
- Utilized **React hooks** (useState and useEffect) to manage application state to ensure a responsive user experience
- Implemented mock **API integration** to simulate product data retrieval enhancing the website's scalability and versatility

Projects

Emailing Client and Scheduler | Self Project

June 2023 - August 2023

- Designed and developed a full-stack web application enabling users to send, schedule and manage recurring emails
- Actively contributed to the frontend development using React, ensuring a seamless user experience for the application
- Implemented third-party **OAuth-based authorization** for enhanced security and user authentication in the application
- Built frontend using **React, Axios, and REST APIs** and backend orchestration using **Node, Express, and MongoDB**

Image Compression | Data Mining for Business Intelligence

March 2023 - May 2023

- Created an image compression project using Gaussian Mixture Model algorithm in python, achieving **40% compression**
- Implemented image resizing techniques to ensure uniform dimensions across all compressed images
- Overcame challenges related to color representation and loss of image information through testing & experimentation

Weather App | Saffron Umbrella

June 2023

- Developed a Weather App using **HTML, Tailwind CSS & ReactJS** to provide real-time, location-specific weather updates
- Integrated a weather API** into the application, facilitating retrieval of comprehensive real-time weather insights
- Enhanced user awareness and planning capabilities through a UI showcasing detailed **daily & hourly forecast data**

Awards / Scholarships / Academic Achievements

- Secured **1st position** in Group Dance Competition & 2nd position in Street Battle in Inter IIT Cultural Meet among 23 IITs
- Qualified Aptitude test of Codekaze on Coding Ninjas platform, advanced to round 2 of Coding and secured **AIR 19,984**
- Educational Codeforces Round 134 (Rated for Div. 2) : Rank 337

Skills

Computer languages	C++, HTML , CSS, Javascript ,ReactJs
Software Packages	Visual Studio, Dev C++,, Microsoft Office(Word, Power point), Adobe Premiere Pro, Adobe After Effects
Languages Known	English(SRW) , Hindi(SRW)

Positions of Responsibility & Extra Curriculars

Competitive Programming | Online Judges

January 2022 - Present

- Engaged across multiple online coding platforms, participating in contests and successfully completing **800+ problems**
- Maximum ratings on Programming websites-
- HackerRank: 5 star** (Handle-adityadawar2099)
- CodeForces: 1610** (Handle-rk_o)

Additional Secretary | Choreography and Dance Section

July 2023 - Present

- Led a team of **50+ members** and coordinated with administration for approvals and Budget allocation for various events
- Choreographed and showcased talent in events like Inter-IIT, street battles, Jashn, and taught 150+ non-dancers for FOS
- Secured 1st position** in group dance events of Footloose at Thomso 2022 and Inter IIT Cultural meet 5.0
- Coordinated a team of 40+ members for the video project: **Anant - 175 years of IIT Roorkee** garnering 50k+ views

Coordinator | Cognizance IITR

March 2023

- Worked with the team of 150+ members to organize the 3 days event, Cognizance: Annual technical fest of IIT Roorkee
- Coordinated gaming events like FIFA and Valorant for 2 days with a total **200+ participation** from multiple colleges

Participant | Inter Bhawan Sports

April 2023

- Represented Rajiv Bhawan in Inter Hostel Sports Competition in Football and Volleyball, securing 3rd place in Volleyball