



Aditya Dawar
UG (IV Year I Semester)
B.Tech. (Chemical Engineering)
Contact No: 7000519809
Email: adityadawar1999@gmail.com
Registration No: 20112007/2024



Area of Interest

Software Development, Frontend Development, Data Structures 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, MANDLESHWAR, KHARGOAN (CBSE)	83.80 %
2018	Matriculate (Class X)	SHRI KANWARTARA PUB. HR. SEC. SCHOOL, MANDLESHWAR, KHARGOAN (CBSE)	82.20 %

Internships

E-commerce | Robotronix May 2023 - July 2023

- Developed fully integrated application for shopping cart.
- Used React hooks like useState , useEffect which allows to manage state and perform side effects in a functional component.
- Used fake API to get product and Tailwind CSS and Tailblocks for better UI.
- Integrated Google maps , Payment gateway and also installed different packages like React toastify , react icons for better look.
- Tech stack: HTML,Tailwind css, Javascript, Reactjs.

Weather App | Saffron Umbrella June 2023

- Developed a Weather App that provides real-time weather information for a user's location
- Integrated a weather API to fetch real-time weather data, including temperature, humidity, wind speed, and forecasts
- Implemented location detection functionality to automatically fetch weather data based on the user's current location, enhancing the user experience.
- Tech stack: HTML,Tailwind CSS, Javascript, Reactjs.

Projects

Image Compression | DATA MINING FOR BUSINESS INTELLIGENCE April 2023 - May 2023

- Developed an image compression project utilizing the Gaussian Mixture Model (GMM) algorithm in Python.
- Implemented the GMM algorithm to cluster similar colors within images, effectively grouping them into 'k' clusters.
- Incorporated image resizing techniques to ensure uniform dimensions across all compressed images.
- Overcame challenges related to color representation and loss of image information through iterative testing and experimentation

NewsMonkey | Personal Project March 2023

- Developed fully integrated application for displaying News Articles.
- Used React hooks for updating states of different components, fetched News API to get data and build different components with increase the efficiency of the app.
- Used react-router, async and await, JSON and implemented infinite scrolling for better user experience.
- Tech stack: HTML, CSS, Javascript, Reactjs.

Skills

Computer languages	C++, HTML, CSS, Javascript, Reactjs, TailwindCSS, Typscript
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

- An active member on various online coding platforms including Codechef, Hackerrank ,GeeksforGeek.
- Solved 300+ Questions on Different coding platforms.
- Maximum Rating on Programming websites-
- Hackerrank : 5 star(Handle-adityadawar2099).
- Codechef : (Handle-lucifer2024)
- GeeksforGeek : (Handle-aditya24)
- CodeForces: (Handle- dawar24)

Joint Secretary | Choreography and Dance Section

May 2021 - Present

- Work with a team of 50+ Members
- Winner in Group Dance Competition in the Annual Cultural Fest of IIT Roorkee 2022
- Part of a Video Project- Anant, 175 years of IIT Roorkee, Leading the Future.
- Contributed to promoting dance culture in the campus by successfully organizing on-campus and online workshops.
- Member of Video editing cell

Contingent Member | Inter IIT Cultural Meet

January 2023

- Co-ordinated a team of 40+ members
- Winner in Dance Art Competition in Inter IIT Cultural Meet 2023
- First in Group Dance in Inter IIT Cultural Meet 2023
- Runner-ups in Street Battle in Inter IIT Cultural Meet 2023
- Participated in Just Duet in Inter IIT Cultural Meet 2023

Member | NSO Football

July 2022 - Present

- Participated in Inter Bhawan sports for Football and secured 4th position

Participant | Inter Bhawan Sports

April 2023

- Participated in various games like football and volleyball .
- Secured 3rd place in Volleyball.