

# Aditya Dawar

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## EDUCATION

### IIT ROORKEE

Chemical Engineering

Roorkee, Uttrakhand

Graduation Date: May 2024

### Shri kanwartara pub.hig.sec.school,Mandleshwar

Intermediate (Class XII)

Indore, M.P

Graduation Date: Mar 2020

## WORK EXPERIENCE

### Frontend Dev Intern

Robotronix

Remote

May 2023 - Jul 2023

- Developed a responsive E-commerce site, showcasing **1000+ products**, using Tailwind CSS, JavaScript, & **ReactJS**
- Seamlessly integrated Payment Gateway, processing **500+ transactions** daily, & **Google Maps** for location services
- Utilized **React hooks** (useState and useEffect) to manage application state to ensure a responsive user experience
- Implemented **API integration** to simulate product data retrieval enhancing the website's scalability and versatility

## PROJECT EXPERIENCE

### Emailing Client and Scheduler

Self Project

Remote

Jun 2023 - Aug 2024

- Designed a full-stack web app enabling **200+ users** to send, schedule, and manage **500+ recurring emails** seamlessly.
- Actively contributed to the frontend development using React, ensuring a seamless user experience for the application
- Enhanced application security via third-party **oAuth integration**, achieving **99.9% uptime** with no breaches.
- Built frontend using **React, Axios, and RestAPIs** and backend orchestration using **Node, Express, and MongoDB**

### Device Location Manage

Safron Umbrella

Remote

Dec 2023 - Jan 2024

- Developed user-friendly interface for the tracking and management of over **100 devices** from a centralized platform.
- Integrated **MongoDB** for efficient and scalable data storage, while leveraging Express.js to build a **backend API**
- Engineered device registration, status updates, and alert notifications, boosting device management efficiency by **40%**
- Incorporated **user authentication** and authorization mechanisms to ensure secure access and **data privacy**

### Image Compression

IIT Roorkee

Roorkee, Uttrakhand

Jun 2023 - Jun 2023

- Led a **team of 5** under Prof. Sumit Kumar Yadav, Professor at Department of Management Studies, **IIT Roorkee**
- Created an image compression project using Gaussian Mixture Model algorithm, achieving **40% compression**
- Implemented image resizing techniques to ensure uniform dimensions across all compressed images
- Achieved an impressive accuracy of **97.9%** by iterating different numbers of components (k) for compression

## LEADERSHIP EXPERIENCE

### Additional Secretary

Choreography and Dance Section

Roorkee, Uttrakhand

Jun 2023 - May 2024

- Led a team of **50+ members**, coordinated with administration for approvals and Budget allocation for various events
- Choreographed and showcased talent in events : 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

## SKILLS

**Computer Packages:** C++, ReactJs, NodeJs, Express, MongoDB, Javascript, Python, HTML, Tailwind CSS

**Software Packages:** Git, Visual Studio, Microsoft Office(Excel, Word, Power point)