

# Kartikeya Shukla

2nd Year Undergraduate  
Department of Chemistry

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## Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 - Present	B.S	Indian Institute of Technology, Kanpur	6.5/10
2022	CBSE(XII)	Woodbine Gardenia School, Kanpur	84.5%
2020	CBSE(X)	Woodbine Gardenia School, Kanpur	95.4%

## Scholastic Achievements

- Secured **All India Rank 7968** in **JEE Advanced 2022** among the 1.2 Lakh shortlisted candidates.

## Key Projects

- Blog Website** | Self project  **GitHub** (Jan'24- Feb'24)
  - Developed a **website** for posting Blogs, with features of **editing** and deleting existing posts, in **real time**
  - Implemented **React Js** to make the **structure**, functionality and design of a **user-friendly** website
  - Build the **backend** of website responsible for handling **data storage** and fetching **API**
  - Wrote a function that **filter** out relevant posts on searching it and **display** them and implemented **routing** to link each page
- To-Do List** | Self project  **GitHub** (Nov'23-Nov'23)
  - Developed a **website** to keep track of day-to-day work that is capable of storing tasks that need to be completed any day
  - Implemented **React Js** in **Frontend** to design and develop a user-friendly **responsive** application
  - Build the **backend** logic for storing the data, so that when a user reopens the app, their data gets **fetched** back
- Beverages Application** | Self project  **GitHub** (Dec'23-Jan'24)
  - Developed a **responsive web app** for exploring cocktails, featuring sections like navbar, search, cocktail list, details, and error page
  - Implemented **Frontend** in **React Js** to design and develop structure of the app
  - Mapped information** of cocktails to display them on home page and implemented **routing** to link each page
- Exploring React in Java-Script** | Self project  **GitHub** (oct'23-dec'24)
  - E-Portfolio:** Developed a user-friendly **responsive** personal **portfolio** showcasing my skills in **React Js**, **tailwind CSS**
  - Color Changer:** Build a simple app which **changes color:** as user input a color name or a hex value using **react js**
  - Shopping-List:** Build a user-friendly responsive **website** in which a user can add day to day household items to buy
  - Data gets saved in a **JSON file** and when a user reopens the app, the data gets **fetched** back and gets displayed

## Technical Skills

- Programming Languages:** C, C++, HTML,  $\text{\LaTeX}$ , JS, CSS, Python
- Software and Libraries:** Git, React, Numpy, Pandas, Matplotlib, Bootstrap, AutoCAD

## Relevant Courses

Introduction to Machine Learning*-CS771(ongoing)	Fundamentals of Computing
Introduction to Electronics	Linear algebra and Differential Equations
Real Analysis	Classical Electrodynamics