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 uisng **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, 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*(ongoing)	Linear algebra and Differential Equations
Real Analysis	Classical Electrodynamics