Kartikey Singhal

Third-Year Undergraduate

Bachelor of Science in Chemistry

Email: kartikeysinghal106@gmail.com

Mobile: +91-8114456744

LinkedIn: https://www.linkedin.com/in/Kartikey106/

GitHub: https://github.com/kartikey106

Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/percentage
2022-Present	BS	Indian Institute of Technology, Kharagpur	8.09/10
2022	Class XII, CBSE	Sarvodaya Senior Secondary School, Kota	93.8%
2020	Class X, CBSE	Modern School, Kota	95.4%

Achievements and Honors

- Secured a rank under top 1.6% among total 10.2 lakh candidates in Joint Entrance Examination (JEE) Main Exam.
- Secured a rank under top 7% among total 1.5 lakh candidates in Joint Entrance Examination (JEE) Advance Exam.
- Bagged **3rd** position among 17 teams in Cricket-General Championship 2023, Indian Institute of Technology Kharagpur.
- **Codechef**: Maximum Rating – **1569** | **Profile**
- Secured a **Global Rank** of **390** and **525** in Codechef Starters 138 and 116 among 25K+ participants respectively.

Projects

Portfolio website | Website | GitHub   **(June 2024)**
- Designed, developed and deployed a professional portfolio website to showcase personal projects, skills, and an overview of my professional capabilities.
- The site features a **clean and responsive design**, optimized for both desktop and mobile devices, ensuring a seamless user experience.
- Implemented a "Contact" section enabling users to send messages directly via email for inquiries and collaboration opportunities.

Cryp-Pro (In Progress) | GitHub   **(June 2024)**
- Developed a comprehensive **Crypto Tracker** web application using **ReactJS**, designed to provide **real-time** tracking and analysis of various cryptocurrencies.
- Utilized external **APIs** to fetch real-time cryptocurrency data, ensuring the application provides accurate and timely information on cryptocurrency prices, market trends, and historical data.
- Implemented interactive charts using **Chart.js** to visualize historical data, enhancing user engagement.
- personalized user experience.

Car Parking System using Arduino | YouTube   **(May 2023)**
- Developed and implemented an efficient car parking system utilizing **Arduino** technology.
- Leveraged programming skills to create automated processes for vehicle detection, entry, and exit, optimizing space utilization and enhancing user experience.
- Collaborated effectively with team members to ensure seamless integration of hardware and software components.

C ++ Console Based Projects | GitHub   **(May 2024)**
- Using the knowledge of **Data Structures and Algorithm**, created console-based games like: Tic-Tac-Toe, Number Guessing Game.

Relevant Coursework

Programming and Data Structures (Theory and Lab) | Probability and Statistics

Technical Skills

- **Programming Languages**: C | C++ | JavaScript
- **Frontend Development**: HTML | CSS | ReactJs
- **Libraries**: Standard Template Library (STL)
- **Tools**: Visual Studio Code | **Familiar in**: Git