



Kartikey Singhal

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Bachelor of Science in Chemistry

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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