

Kartikey Singhal

Third-Year Undergraduate
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.
- Secured **3rd** position among 17 teams in Cricket-General Championship 2023, Indian Institute of Technology Kharagpur.
- Codechef**: Maximum Rating – **1569** (2 star) | [Profile](#)
- Codeforces**: Maximum Rating – **1186** | [Profile](#)
- Secured a **Global Rank** of **390** and **525** in Codechef Starters 138 and 116 among 25K+ participants respectively.

Projects

- Portfolio website** | [Github](#) (June 2024)
- Designed and developed a professional portfolio website to showcase personal projects, skills, and an overview of my professional capabilities.
 - The site features a clean and modern design, optimized for both desktop and mobile devices, ensuring a seamless 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.
 - This project showcases my proficiency in Arduino programming and my ability to deliver practical solutions in real-world applications.
- 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