

SHIVAM KAPOOR

+91 8448447178
2K22/CO/434

kapoorshivam7178@gmail.com
[Codeforces](#) [Leetcode](#) [Github](#) [LinkedIn](#)

EDUCATION

B.TECH(Computer Engineering)	2022-2026	Delhi Technological University, New Delhi	9.403
CBSE (Class XII)	2022	Mount Abu Public School, Sector 5, Rohini, Delhi	96.20 %
CBSE (Class X)	2020	Mount Abu Public School, Sector 5, Rohini, Delhi	96.17 %

ACADEMIC PROJECT

Transcribing ML Application — Website | [Github](#) | [Live](#) | HTML — CSS — Javascript — React — API

- Collaborated within a team to develop a dynamic web application using React, seamlessly integrating advanced machine learning models via the Hugging Face API.
- Partnered and shared code with VOPA Foundation to streamline result evaluations for over 5,000 elementary school students, reducing assessment time by 70% and minimizing errors by 85%. Enabled teachers to efficiently assess results without manual effort, improving overall productivity by 60%.

PathFinding Visualizer — Website | [Github](#) | [Live](#) | HTML — CSS — Javascript — React — DSA

- Developed a React-based tool for real-time pathfinding simulations.
- Integrated Dijkstra ($O(V^2)$), A* Search ($O(b^d)$), Breadth-First Search ($O(V+E)$), and Depth-First Search ($O(V+E)$) algorithms for robust performance.
- Created an intuitive interface enabling users to customize start/end points, obstacles, and more, enhancing user interaction and experience.

Find-Your-Word — Website | [Github](#) | [Live](#) | HTML — CSS — Javascript — React — API

- Allows users to easily find definitions for words through a clean and intuitive interface.
- Integrates an API for efficient retrieval and display of word meanings.

ACADEMIC ACHIEVEMENTS AND AWARDS

- 1850+** rating achieved on Leetcode.
- Pupil coder** at Codeforces (max 1330).
- Qualified for **JP Morgan's 'Code for Good 2024' in Mumbai**, standing out among 400 students from a pool of over 50,000 participants.
- 3rd Position** in Inter College Coding Competition conducted by IEEE on Algorithms (Invictus 2023)
- Secured an **AIR 2632 in JEE Mains 2022** among 1.1 million candidates and achieved a rank of **AIR 7454 in JEE Advanced 2022**, and placed in top 0.3% of students.
- Achieved numerous **<2000** ranks worldwide across platforms like Codeforces and LeetCode, placing me in the top **6.12%** of all coders on LeetCode worldwide.

TECHNICAL SKILLS

C++, HTML, CSS, Javascript, Python, SQL, Data Structures	React, Vite, NumPy*, Matplotlib* NodeJS	Git, VSCode, Sublime, OOPS, DBMS, Operating System
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EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Active member of post contest discussions of contests in the Algorave Club of DTU (Competitive Programming Club), and assisting seniors in making coding contests for juniors related to CP.
- Founding member of the School Tech and Quizzing Club, and winning numerous accolades.