



Kushal

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EDUCATION

Course	College / University	Year	CGPA / %
B.Tech (CSAI)	Netaji Subhas University of Technology	2026	8.85
Board (Class XII)	Bhai Parmanand Vidya Mandir	2022	98.6
Board (Class X)	Bhai Parmanand Vidya Mandir	2020	97

EXPERIENCE

- **EPOCH IIITD 2024 Winner**
 - Developed innovative solutions in computer vision.
 - Contributed effectively to team success during hackathon.
 - Implemented image segmentation techniques for real-world applications.
- **AlgoUtsav 2024 (Nit Rourkela)**
 - Secured rank 50 among more than 1000 participants including masters in codeforces.
 - Contributed diverse algorithms for problem-solving.
 - Developed efficient solutions across various domains.

PROJECT

- **Social Media App(ChatterBox)**
 - Utilizes HTML, CSS, JS,bootstrap for frontend, with Express and Node.js for robust backend operations.
 - Connect through real-time messaging.
- **Coreset Implementation and evaluation using image segmentation**
 - Coreset Implementation and Evaluation for Image Segmentation.
 - Utilizes Python scripts for coreset construction, including skeleton code for foundational tasks and uniform random sampling for baseline comparison..

POSITIONS OF RESPONSIBILITY

- **Member | IEEE NSUT** **2022 - Present**
 - Partook in a multitude of enlightening workshops and captivating sessions, enriching my knowledge and broadening my horizons.

ACHIEVEMENTS

- IIIT Delhi Epoch 2024 Winner.
- Secured 99+ percentile in JEE Mains.
- CodeChef 3 Star (Peak rating 1797).
- Codeforces Pupil.
- Over 500 problems conquered in LeetCode, CodeChef, and Codeforces arenas.

SKILLS

- **Languages:** C | C++ | Python | JS
- **Full Stack Web developer:** HTML | CSS | JS | Express | NodeJS | SQL | MongoDB | React | Git | Github
- **Machine Learning (Intermediate):** Python | Jupyter Notebook | Pandas | NumPy
- **Relevant Courseworks:** DSA | DBMS | Operating Sytem | Computer Architecture