

# Vansh Kalra

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## Education

Netaji Subhas University of Technology (erstwhile NSIT)	2023 – 2027
B.Tech in Computer Science & Engineering (Mathematics and Computing)	CGPA: 8.39/10
N.K. Bagrodia Public School	2020 – 2022
Class XII	95.2%
Class X	95%

## Projects

- 1) **NextContest: Contest Tracker** ([Link](#)) — *Chrome Extension, JavaScript* **Feb 2025**
  - Developed and deployed a Chrome extension on the Chrome Web Store to help competitive programmers track upcoming coding contests across multiple platforms.
  - Integrated real-time notifications, **live contest indicators**, and key contest details (start time, duration, countdown) for enhanced user experience.
  - Enabled **one-click navigation** to contest pages and the ability to **pin important contests** for quick access.
- 2) **TnP Cell of NSUT: Dusk** ([Link](#)) — *HTML, CSS, JavaScript, PHP* **Nov 2024**
  - Developed a full-stack placement management system to streamline company registration, job posting, and student applications with **role-based access control**.
  - Implemented secure authentication and created dedicated dashboards for companies to manage applicants and for students to track their job applications.
  - Built a dynamic job portal facilitating direct interaction between companies and students, featuring **real-time status updates** and application tracking.

## Technical Skills

**Languages:** C++, Python, MySQL  
**Frontend:** HTML, CSS, JavaScript, TailwindCSS  
**Machine Learning:** Numpy, Pandas, Matplotlib, LangChain, Scikit-Learn  
**Technical Tools:** Docker, Git, GitHub, VS Code, Render

## Algorithmic Competitions/Achievements

- Cleared AlgoUniversity Technical Fellowship Stage-I & Stage-II being in **top 5%ile** among 20k+ applicants pan India.
- **Specialist** on Codeforces with Max Rating **1524** (Top 4% in India).
- 3 stars on Codechef with Max Rating **1677** (Top 5% in the world).
- LeetCode Max Rating of **1801**
- **Global Rank 287, 428, 459** in various Codechef Rounds.

## Positions of Responsibility

**Competitive Programming Dept. DCode (NSUT)** **Sep-2024 – Present**  
Contributed to **organizing** and **managing 20+ CP contests** and workshops aimed at improving coding skills across the university.

**Event Ideator, 180DC NSUT, Moksha (NSUT Fest)** **Mar-2024**  
Designed and executed a unique story-based event improving financial and technical literacy, attracting **over 200+ teams** from various colleges and enhancing engagement during NSUT's major fest, Moksha.