

Niraj Kumar

2nd year Undergraduate

Computer Science and Engineering

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ACADEMIC DETAILS

Degree	Specialization	Institute	Year	CPI/%
B.Tech.	Computer Science and Engineering	IIT Gandhinagar	2024-Present	8.37
Class XII	Physics, Chemistry, Maths	L.M. High School, Pupri, Bihar	2022-2024	88.4
Class X		JNV Sitamarhi, Bihar	2021-2022	94.8

PROJECTS

- Personal Portfolio Website** [April '25]
Project Link *Github Link*
 - Designed and developed a responsive personal portfolio website to showcase projects, skills, and professional details.
 - Implemented structured sections including About Me, Skills, Projects, and Contact for clear navigation.
 - Practiced responsive web design principles for compatibility across different screen sizes.
 - Improved understanding of frontend development, UI design, and website structuring through hands-on implementation.
- GUI-Based Real-Time Weather Application using Python** [March '25]
Project Link
 - Developed a GUI-based Weather Application using Python and Tkinter as part of self-learning.
 - Integrated OpenWeatherMap REST API to fetch real-time weather data using HTTP requests and implemented API error handling for invalid city names and empty user input.
 - Designed a CSV-based persistence system to store and manage search history.
 - Gained hands-on experience with API integration, file handling, and modular Python code.
- Website Developer, Custom Blog Hosting Site, SC- 368 - Web Development 2024** [November '24]
Project Link *Github Link*
 - Designed and developed a custom blog hosting site as part of the SC-368 Web Development short course, ensuring it was responsive, user-friendly, and featured dynamic content management for seamless creation and interaction.
 - Gained hands-on experience with HTML, CSS, and JavaScript integration, focusing on both front-end design and back-end functionality, which significantly improved my full-stack web development skills.
 - Successfully deployed a functional blog platform, allowing users to easily create, manage, and interact with blog posts, providing a seamless experience for content creators and readers alike independent of the device used.

TECHNICAL SKILLS

- Programming Languages:** Python, C++, C, Javascript
- Web:** HTML, CSS, Node.js
- Frameworks:** Bootstrap, Tailwind CSS
- Tools:** Autodesk Inventor Professional, Autodesk Fusion, Matlab, Git, Github

ACHIEVEMENTS

- Was in the top 0.19 % in JEE Mains 2024 and secured an All India Rank of 3022.
- Was in the top 0.28 % in Mathematics and in the top 0.12 % in Physics in JEE Mains 2024.
- Secured an All India Rank of 3585 in JEE Advanced 2024.

POSITIONS OF RESPONSIBILITY

- EII IIT Gandhinagar - Events Coordinator** [July '25 - Present]
 - Entrepreneurship cell of IIT Gandhinagar.
 - I am the core member of Events team of EII which is going to organize the first ever E-Summit at IIT Gandhinagar.
 - As a member of core team, I take initiative to promote the culture of entrepreneurship by organizing hands-on workshops, guest talks etc. and in this process I gained some valuable skills such as convincing, communication, leadership and improving outreach.
- TEDx IITGandhinagar - Junior Events Executive** [Sep '24 - March' 25]
 - My role was to manage whole event and helping in crowd management.
 - As a junior member, I developed skills in persuasion, management, improved communication skills.
 - TEDx hosted its main event in March, so we actively planned events from January to March.
- Amalthea IIT Gandhinagar - Junior Events Executive** [Aug '24 - Nov '24]
 - Was in the organizing team of two events and organized them with ease, managing logistics and coordinating with event participants and judges.
 - Collaborated effectively with the organizing team, playing an important role in event coordination, communication, and day-to-day operations to help ensure successful outcomes.