



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2027	B. Tech	Indian Institute of Technology Kharagpur	7.96 / 10
2022	Class XII, RBSE	Matrix High School, Sikar	92.8%
2020	Class X, CBSE	Matrix High School, Sikar	90.2%

## INTERNSHIPS AND PROJECTS

## UI Internship | Game Design Project | NexeNova Studios

Sept 2024 – Dec 2024

- Designed game visuals which included backgrounds, player profiles, buttons, and main menu to have a nice-looking and coherent style.
- Worked with the game development team to integrate design elements that improved user experience and aesthetic appeal.
- Utilized tools such as [e.g., Photoshop, Illustrator, Figma] to produce high-quality assets and focused on using consistent style.

## Architectural Design Project | School Building Planning | Course Project | Guide: Prof. Nirjhar Dhang, IIT Kharagpur

Oct 2024 - Nov 2024

- Designed 2D and 3D models for a G+2 school building, enhancing visualization of the design and furthering construction planning.
- Planned an efficient layout using doubly loaded corridors to achieve easy movement from nursery classes up to senior secondary classes.
- Developed a comprehensive presentation and video to effectively communicate the project's concepts and layout efficiency. [Project](#)

## Weather forecast | Self Coding Project

May 2024 - June 2024

- Developed a weather forecast website using **HTML, CSS, JavaScript**, and **React**, displaying multi-day weather forecasts of a specific location
- Employed Visual Weather Crossing APIs to fetch weather forecasts and metrics like temperature, precipitation, wind speed and humidity.
- Integrated GeoDB cities API to facilitate city search and added weather condition icons to improve user experience and engagement.

## Hand Gesture Controlled Car | Course Project | Guide: Prof. Vikranth Racherla and Prof. Kallol Patra, IIT Kharagpur

Nov 2022 - Feb 2023

- Constructed a hand gesture controlled car using **Arduino Nano, NRF24L01+RF module, MPU 6050 Accelerometer** and **L298N motor driver**.
- Programmed the whole control system to recognize specific hand gestures to enable the precise movement and control of the RC car.
- Conducted testing to ensure stable performance and accurate gesture recognition, optimizing system for responsive and smooth control.

## Netflix and Zomato Clone | Self Coding Project

May 2024 - June 2024

- Developed clones of Netflix and Zomato websites using HTML and CSS to replicate their user interfaces and design aesthetics.
- Enhanced skills in front-end development by implementing design principles such as alignment, typography, and spacing.

## AWARDS AND ACHIEVEMENTS

- Secured an All-India Rank in the **top 4%** in **Joint Entrance Examination Advanced 2023** among the 2.6 lakh shortlisted students nationwide
- Attained an All-India Rank in the **top 6%** in the **Joint Entrance Examination Mains 2022** among over 10 lakh candidates across the nation
- Achieved a rank of 166 in MTSE 2021 among over 11k shortlisted students, conducted by Matrix High School, Sikar (Rajasthan).

## COURSEWORK INFORMATION

- Programming and Data Structure\*
  - Linear Algebra and Complex analysis
  - Probability and Statistics
  - Physics of Waves\*
  - Solid Mechanics
  - Hydraulics\*
  - Engineering Drawing and Computer Graphics
  - Basic Electronics\*
  - Material Science
  - Advanced Calculus
- (\* marked courses have a Laboratory Component as well)

## SKILLS AND EXPERTISE

- **Programming Languages/Libraries:** *Proficient:* C | C++ | HTML | CSS | JavaScript | C++ STL *Familiar:* React | Data Structures and Algorithms
- **Skills:** User Interface Design | Problem Solving | Graphic Design | Adaptability | Video Editing
- **Software:** VS Code | MS Office | Adobe Illustrator | Adobe Photoshop | Adobe Premiere Pro | Figma | SolidWorks | Canva | Tinker CAD

## POSITIONS OF RESPONSIBILITY

## Design Sub-Head | Rajasthan Cultural Association | IIT Kharagpur

Apr 2023 - Present

- Managed various cultural events with over **3000** guest and instructed **25+** students in graphic design during a dedicated design workshop.
- Strengthened collaborations with local vendors, sponsors, and campus organizations to enhance event outreach and overall experience.

## Design and Media Associate | KSHITIJ 2k24 | Technology Students' Gymkhana | IIT Kharagpur

Oct 2023 - Apr 2024

- Designed visually compelling posters and banners for various events held during Kshitij 2k24, enhancing event visibility and engagement.
- Played a key role in designing and crafting creative props for event setups, enhancing the visual appeal and immersive experience of events.

## Co-founder and 3D Design Head | Atelier | IIT Kharagpur

Mar 2024 - Sept 2024

- Co-founded the club to foster design and creative expression within the campus community, providing a platform for aspiring designers.
- Collaborated with team members to plan innovative initiatives and to establish a strong online and offline presence for the club.

## EXTRA CURRICULAR ACTIVITIES

- Actively participated in Health and Fitness and Cleanliness Drive organized by Indian Institute of Technology Kharagpur.