



EDUCATION

Year	Degree/Exam	Institute	CGPA/Percentage
2027	B.Tech, Electrical Engineering	Indian Institute of Technology Kharagpur	8.41
2022	Class XII, Karnataka PU	BASE PU College, Bangalore	95.00%
2020	Class X, ICSE	Sudarshan Vidya Mandir, Bangalore.	97.00%

INTERNSHIPS AND PROJECTS

- Spotify Clone App | Self Project** June'23 - July'23
- Utilised the concepts in ReactJS and developed a user-friendly Spotify Clone and implemented feature to play songs across multiple devices.
 - Worked on the back end development of the project, and implemented a sophisticated architecture using Web knowledge.
 - Link to repository is <https://github.com/SujayVivek/Spotify-CloneApp-ReactJS-RemoteControl/tree/master>
- Global Model United Nations | Communiqué, IIT Kharagpur** June'23 - July'23
- Developed complex web components by the implementation of ReactJS showcasing technical expertise and problem solving skills.
 - Engaged in 3D project development, leveraging THREE.JS and Spile contributing to immersive, interactive and feature rich website.
 - Played a key role in crafting a fully dynamic and responsive website, underscoring the ability to create user-centric platforms.
- Prom Website | Spring Fest, IIT Kharagpur** September'23 - November'23
- Worked in a team of Tech SubHeads to create a fully functional Prom Website integrating multiples APIs and successfully implementing it.
 - Engineered intricate animations with sophisticated lighting effects within various components enhancing overall user experience.
 - Worked on successful Sign Up, Sign In and Registration Forms hence optimizing the festivals online presence resulting in increased engagement.
- Sweeping Robot Car | Course Project** April'23 - May'23
- Created a fully functional Remote Controlled Robot car that would sweep dirty floors and mats.
 - Made use of transistors, Arduinos, and Motor driver boards for the Electrical and Mechanical Component of the RC Robot.
 - Implemented Remote Control using Bluetooth Modules and integrated it into the built model.

SKILLS AND EXPERTISE

- Programming Languages:** Python, C++, C, Java, HTML, CSS, Javascript.
- Frameworks and Libraries:** ReactJS, Pandas, scikit-learn, Numpy, JQuery, Bootstrap, Sass, Three.js, NodeJS, Unity, Blender, Photoshop.

COURSEWORK INFORMATION

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|-------------------------|-----------------------------------|----------------------------------|
| ○ Signals and Systems | ○ Network Analysis | ○ Linear Algebra |
| ○ Analog Circuits | ○ Probability and Statistics | ○ Advanced Calculus |
| ○ Electrical Technology | ○ Programming and Data Structures | ○ Partial Differential Equations |

POSITIONS OF RESPONSIBILITY

- Secretary | Communiqué | Official Soft Skills and Personality Development Society | IIT Kharagpur** November'22 - Present
- Worked in a team of 30+ members to successfully execute the Global Model United Nations, our prestigious flagship event in IIT Kharagpur.
 - Conducted the AIPAT(All India Placement Aptitude Test) and received an impressive registration count of 1500 students all over India.
 - Worked in the Software Team, and delivered comprehensive instruction in Web Development to a cohort of 40+ Associates of the Society.
 - Conducted various CV review and Mock Interview drives to assist the students in their preparation for placements and internship opportunities.
- Tech-Sub Head | Spring Fest | Social and Cultural Fest | IIT Kharagpur** September'23 - Present
- Worked in a team of Tech Sub Heads to create a fully functional Prom Website and the Official Spring Fest Website.
 - Engineered intricate animations within our websites and majorly collaborated in the front end component.
 - Worked on successful Sign Up, Sign In and Registration Forms hence optimizing the festivals online presence.
- Design Associate | Kshitij | Techno Management Fest | IIT Kharagpur** January'23 - June'23
- Collaborated with a diverse team of 20+ members to implement creative design solutions for enhancing the event visuals and branding.
 - Proficiently utilised design softwares such as Photoshop and Blender to craft visually appealing graphics and design aesthetics.
 - Contributed to successful execution of Kshitij by providing design expertise and also did volunteering and management throughout the fest.

AWARDS AND ACHIEVEMENTS

- Secured All India Rank of **1951** in JEE Advanced 2022(out of **1,55,538** candidates)
- Secured **99.6 percentile** all over India in JEE Mains 2020(out of **8,72,970** candidates)
- Won various **Case Studies** and **Hackathons** related to Business, Entrepreneurship, Environmental Humanities, Finance etc.

EXTRA CURRICULAR ACTIVITIES

- Part of the **Squash Team** of Radhakrishnan Hall of Residence in the **General Championship** held across all the other halls within the campus.
- Took part in many **Open IITs and Intra-Hall** competitions and competing in the **Technology General Championship** for many events.