



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH	IIT Kharagpur	7.41 / 10
2020	Class XII, TSBIE	Sri Chaitanya Educational Institutions, Hyderabad	97.3%
2018	Class X, SSC, BSEAP	Viswa Bharati English Medium High School, Gudivada	10 / 10

## SKILLS AND EXPERTISE

**Programming Languages:** C | C++ | Python **Databases:** MySQL | PostgreSQL **Web Development:** JavaScript | Bootstrap | Django  
**Web Scraping:** XPATH | BeautifulSoup **Framework Automation:** Python-Selenium Framework **Libraries:** Pandas | NumPy | Matplotlib  
**Anaplan:** Model Creation | Data Conversion **Other tools:** Matlab | LT Spice | Microchip Studio | Proteus | PowerBI | MS Excel

## INTERNSHIPS

## Technology Consulting Intern | PwC Mumbai

[May'23 - Jun'23]

- Assisted the advisory division in developing a model for sales and revenue forecasting in order to analyze demand planning for clients.
- Worked on the **Python-Selenium framework** to automate processes and reduce model-building time from **5 hours to 15 minutes**.
- Used **XPATH** and built-in **Selenium tools** to handle multiple webpage elements, **10+ HTML pages**, and **30+ pop-ups** in each model.
- Optimized and enhanced Anaplan model creation steps for **23 clients** involving data conversion from **Excel to Anaplan EPM format**.
- Actively contributed to all aspects of model development and optimization, showcasing adaptability and expertise.

## PROJECTS

## Hospital Management System Web Application | Self Project

[Feb'23 - Apr'23]

- Developed a robust web application to facilitate hospital administration tasks, including patient registration, appointment scheduling.
- Designed **personalized dashboards** for doctors, streamlining patient history access and enabling efficient medication searches.
- Created an **intuitive interface** for database admins to manage user accounts, while ensuring data integrity through trigger mechanisms.
- Implemented key features like role-based access, automated email notifications, emergency appointments, real-time room/slot tracking.
- Used **Django** for backend and **HTML, CSS, Bootstrap, JavaScript** for frontend development, and **PostgreSQL** for database management.

## Personal Portfolio website | Self Project

[Dec'22 - Jan'23]

- Designed and meticulously developed a comprehensive personal portfolio website, utilizing technologies like **HTML, CSS, JavaScript**.
- Created an online resume platform showcasing name, designation, skills, work experience, education, services, work portfolio.
- Developed a **fully responsive design** for all screen devices, ensuring accessibility and optimal user experience, even on mobile phones.
- Incorporated an interactive contact form that seamlessly sends data to Google Sheets, enhancing communication and data management.

## Sorting Visualiser | Self-Project

[Sept'22 - Nov'22]

- Developed a **web-based** sorting visualizer application to dynamically demonstrate sorting algorithms through visualizations interactively.
- Demonstrated proficiency in **JavaScript** by implementing sorting algorithms like bubble sort, merge sort, quick sort, and other sorts.
- Designed an **intuitive user interface** enabling users to select algorithms, adjust array sizes, and observe step-by-step sorting animations.
- Utilized **Git** for version control, thereby facilitating collaborative development and efficient tracking of project changes/bugs.

## AWARDS AND ACHIEVEMENTS

- Placed within the **top 2.7 percentile** in the **JEE Advanced 2020**, among approximately 220,000 candidates.
- Placed within the **top 0.64 percentile** in the **JEE Mains 2020**, among approximately 1,050,000 candidates.
- Member of the **Bronze-winning** Inter-Hall Short Film Making Team in 2022 that adeptly captured the essence of the event's theme.
- Secured a rank of **State 1** in the scholarship examination conducted by AIMED in the year 2015.

## CERTIFICATIONS

## Algozenith AZ-201 Course

[May'22 - Oct'22]

- Successfully completed **16 weeks** of training and gained proficiency in **programming languages, data structures and algorithms**.
- Obtained a solid understanding of C++ concepts, including **object-oriented programming** and **standard template library**.
- Acquired expertise in applying various problem-solving paradigms like greedy, binary search, graphs, dynamic programming, among others.

## COURSEWORK INFORMATION

**Computer Science Courses:** Programming and Data Structures\*, Computer Architecture and Operating Systems**Electrical Courses:** Embedded Systems\*, Digital Signal Processing\*, Signals and Networks\*, Analog and Digital Electronic Circuits\*, Control Systems Engineering\* **Maths:** Probability and Statistics, Advanced Calculus, Linear Algebra(courses marked \* had lab components)

## POSITIONS OF RESPONSIBILITY

## General Secretary: Students' Welfare | Homi Jehangir Bhabha Hall of Residence, IIT Kharagpur

[Aug'22 - Apr'23]

- Ensured holistic well-being of **160+** students by actively promoting their high participation in various hall-level activities and initiatives.
- Managed **10+ workshops** for skill development and community engagement, fostering collaborative learning and personal growth.
- Initiated and organized **10+ interactive sessions** with the purpose of fostering a strong sense of community among hall boarders.
- Proposed and effectively managed a budget of around **40K INR** for the holistic betterment and welfare of all the boarders of the hall.

## EXTRA CURRICULAR ACTIVITIES

- Led the **Inter-Hall Sketching Team as Captain**, demonstrating strong leadership, creative direction, and effective team collaboration.
- Spearheaded the Swachhta rally as the **Leader of NSS Unit 8**, mobilizing a 40+ member team to promote community sanitation.
- Active participant of the **Inter-Hall Case Study team**, showcasing strategic problem-solving, analytical thinking, and effective teamwork.
- Active participant on the **Inter-Hall Football and Badminton teams**, showcasing sportsmanship and teamwork in competitive events.