



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	M.TECH	IIT Kharagpur	8.39 / 10
2021	B. E. Aeronautical	Anna University	8.43 / 10
2017	CBSE XII	Kendriya Vidyalaya	92.8%
2015	CBSE X	Kendriya Vidyalaya	10 / 10

WORK EXPERIENCES

Assistant System Engineer at Tata Consultancy Services Ltd.

[May'21-June'23]

Worked 2 years in software development of projects in Petroleum and Pharmaceutical domain using HTML, CSS, Javascript and React JS. Experienced working in SCRUM Teams with Agile methodology for timeline management, task allotments, and code deployment activities.

INTERNSHIPS

Trainee Intern at Indian Oil Corporation Ltd.

[Dec'23-Jan'24]

Assisted the LOBS Production Officer in completing the daily Filling Order form and checking dip level of lube oil in the loaded tank trucks. Did the Inventory Check of required raw materials and base lube oil for day-to-day production in Small Can and Barrel Filling Sections. Produced a Report on basic functioning of Lube Blending Plant, Chennai based on bulk Production, Safety and Maintenance in the plant.

Intern at Casio India Private Ltd.

[Dec'20 - Feb'21]

Promptly completed all the assigned tasks, arranged webinars, gave speeches, and received faculty recommendations for Casio Calculators.

PROJECTS

Aerobiology: Correlating Distribution Pattern of Pollen with Satellite Derived EVI | Design Lab | Prof. M. D. Behera [Aug'23-ongoing]

Studied Pollen calendar of Chandigarh for 2018-2020 and extracted Pollen Concentration Data to depict peak pollen seasons of the year. Mapped Enhanced Vegetation Index (EVI) over Chandigarh using Google Earth Engine. Ongoing Work: Writing book chapter on the data.

SKILLS AND EXPERTISE

Programming Languages: Python, JavaScript | **Frameworks and Libraries:** Bootstrap, ReactJS, Matlab, NumPy, Pandas, Matplotlib | **Soft Skills:** Communication, Team work, Planning, Leadership, Creativity | **Other Softwares:** Solidworks, Ansys | **Other:** GEE, MS Office, HTML, CSS

COURSEWORK INFORMATION

Geophysical Fluid Dynamics | Computation Methods for Earth System Science | Climate Risk Mitigation | Tectonics and Fluvial Dynamics | Data Analytics | Oceanography | Weather Analysis and Prediction | Remote Sensing and Terrestrial Climate | Global Climate System

POSITIONS OF RESPONSIBILITY

General Secretary (Social and Cultural) | SAM Hall | IIT KGP

[Aug'23-ongoing]

Organizing various Social and Cultural activities in SAM Hall of Residence and Conducting Intra Hall Contests for 180+ student community. Managing Hall Budget of amount INR 3,00,000 for Social and Cultural for the academic year 2023-2024, allocating it for planned events.

Illumination Event Organizer | SAM Hall | IIT KGP

[Sep'23-Nov'23]

Effectively planned and executed the schedule for the preparation of Illumination event by assigning daily tasks to the participants. Allotted duties for other General Secretaries to ensure team work and promoted the participation of Hall Members in the event.

Clean Room Contest Chair | SAM Hall | IIT KGP

[Oct'23]

Proactively managed a budget of Rs 2000 to plan and execute an event on the occasion of Gandhi Jayanthi 2023, to promote Cleanliness. Arranged a Cleanliness Drive and Awareness Session for Bio Degradable waste Disposal and conducted a Hall level Clean Room Contest.

CERTIFICATIONS

React Frontend Developer | Edureka

[Aug'21-Sep'21]

Completed the ReactJS module from Edureka, cleared the assessments and developed an online store application using Javascript & ReactJS.

Cambridge Business English Certificate Preliminary | Cambridge Assessment

[April'18]

Successfully completed Cambridge English Assessment for Entry Level Certificate in ESOL International and scored 153/180 with merit.

GERMAN Language A 1 Level | KCG College of Technology, Chennai

[April'21]

Successfully completed the German Language A 1 Level. Learned the basic sentence formation, terminologies and grammar in German.

COMPETITION/CONFERENCE

Make Your Vimana

[Oct'19]

Bagged Best Crash Award in Make Your Vimana (MaYVi 2019) for building, flying and then crashing a RC Plane within the stipulated time.

Best Paper Award : International Space Trash Station (ISTS) 2019

Got Best Paper Award in Intradepartmental Paper Presentation Contest for proposing idea of ISTS with an objective to clear space debris.

EXTRA CURRICULAR ACTIVITIES

Electronic Keyboard | Music | Drawing | Painting | Sketching | Comic Sketching | Poetry | Slogan Writing | Article Writing | Short Story Writing | Rendering Speech | Debate | Hosting Events | Swimming | Badminton | German Language | Japanese Language | Photography