



TUSHAR MONDAL | 21AR10037

ARCHITECTURE AND REGIONAL PLANNING(B.ARCH 5Y)

IIT KHARAGPUR

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EDUCATION

| YEAR | DEGREE/ EXAM | INSTITUTE | CGPA/MARKS |
|------|--------------|----------------------------|------------|
| 2026 | B. Arch | IIT Kharagpur | 8.30/10 |
| 2020 | CBSE(XII) | Jawahar Navodaya Vidyalaya | 85% |
| 2018 | CBSE(X) | Jawahar Navodaya Vidyalaya | 82% |

ACADEMIC ACHIEVEMENTS

- Ranked among the **top 1.45%** of the 2,25,000 qualified candidates in **JEE Advanced**, 2021 conducted by The Government of India
- Achieved a rank of **1353** out of 1Lakh candidates in **WBJEE**, 2021 conducted by West Bengal Joint Entrance Examinations Board
- Participated at the **Regional level of the National Children's Science Congress (NCSC)**, 2016 after qualifying at the cluster level

PROJECTS AND INTERNSHIPS

IPL Data Analytics | Cricket Analysis | Project

February 2023

- Created a **SQL database** for IPL matches, imported data from **CSV files**, and performed data analysis using SQL queries.
- Used **Excel** to analyze IPL data by calculating averages, high/low-scoring teams, and determining dismissal frequency.
- Data analysis** informed strategic decisions like identifying top players and areas for improvement in team performance.

Web Development Intern | MasterTag | Internship

August 2022

- Worked on the website of the company, built it from the scratch using **HTML, CSS, and JS** later shifted to **ReactJS and NodeJS**
- Improved the website's **user experience and interface** using **Figma** and optimized it for search engines for faster loading times
- Assisted with customer ordering and **Database Management** for its e-commerce page, working on various web-related tasks

SKILLS, COURSES AND CERTIFICATIONS

- Languages and Programming Skills:** SQL, C, C++, Python, HTML, CSS, JavaScript, ReactJS, NodeJS, MATLAB, LaTeX
- Tools and Frameworks:** Power BI, Advanced Excel, Pandas, Scikit Learn, NumPy, Matplotlib, AutoCAD, SketchUp, Revit, Jupyter
- Operating Systems:** Windows, Linux & Android
- Courses:** IIT Kharagpur: Programming and Data Structures (CS10003), Programming and Data Structures Laboratory (CS19003), Linear Algebra (MA11004), Indigenous Technologies and Innovations Workshop (AR23304), Economics (HS21201), Computer Aided Design Simulation (AR23303) MOOCs: DeepLearning.AI (Coursera), Programming in C++ (NPTEL), Problem Solving through Programming In C (NPTEL)

POSITION OF RESPONSIBILITY

Public Relations Team Member | Students' Alumni Cell | IIT Kharagpur

Aug 2022 - Present

Worked under the Dean of Alumni Affairs to enhance the interaction between 10000+ students and 40000+ Alumni

- Organized the **19th Annual Alumni Meet**, consisting of 15 events involving the participation of **600+** alumni
- Compiled, Designed and Published the Annual Alumni Magazine 'Yearning of Yore' and the 'Institute Yearbook'
- Designed social media and web posters for year-round initiatives, reaching 125k+ alumni and students.
- Leading and mentoring an 23-membered team of 1st-year associates to assist the executive team.
- Compiled, designed, and published the first Pan-IIT Student Alumni Newsletter reaching 100k+ alumni across 8 IITs

Secretary Mess | Lal Bahadur Shastri Hall of Residence | IIT Kharagpur

Aug 2022 – Present

Responsible for overseeing all the Mess related activities and fulfilling all the required facilities for 2000+ boarders

- Ensured adequate and healthy nutrition of all boarders of Lal Bahadur Shastri Hall by optimizing the day-to-day menu.
- Efficiently managed an annual mess budget through proper planning
- Handled complaints from boarders by communicating with the mess staff and catering service providers

EXTRACURRICULAR ACTIVITIES

- Awarded **1st Position** in the **Design-24 competition**, 2022 for designing a futuristic **Underwater Observatory and Research Centre**
- Performed a **Drama** named Khela as freshers' production of Druheen, **Bengali Technology Dramatics Society of IIT Kharagpur**
- Won **Bronze medal** in shot-put throw at the **Annual School Sports Meet**, 2020 showcasing athletic abilities and competitiveness
- Participated in the **National Youth Parliament Competition Scheme**, 2015 at school, organized by **Navodaya Vidyalaya Samiti**