

Academics

2019-Present	<i>B.Tech + M.Tech (Dual Degree)</i> in Computer Science and Engineering Indian Institute of Technology, Kharagpur	GPA 9.14/10.0 (Ongoing)
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Projects

- **PlaceMentor, Back End Developer, Front End Designer & Developer**
 - A web based application built as part of the Software Engineering Lab course; that eases the placement process for students and establish better communication by integrating various stakeholders involved.
 - Developed with **ReactJS, Flask-Python, MySQL, PostgreSQL** and deployed with **Heroku CLI**
 - Key functionalities: **Authentication, Guarding app routes, Database Normalisation**
 - Worked as a team of 3 members, guided by : Prof. Sourangshu, Prof. Abir Das, mentored by : Owais Iqbal
- **CCVATT - CoWIN Covid Vaccine Availability Timeline Tracker**
 - Personally built a Covid Vaccine Availability tracker using **JS & jQuery** that gets information of the availability of vaccine slots in the mentioned pincodes in every single minute and displays a timeline.
 - Works by sending requests to Co-WIN **Public APIs** and retrieves information from the response received.
 - Important functionalities implemented: **In-App notification bar**
- **one TA-pp**
 - A web app developed as part of Web Development workshop by KSHITIJ; that helps the teaching assistants to manage the students attending a class, add them, remove them from the meet.
 - Built using **ReactJS** as front-end framework, **Firebase** as Datastore and deployed with **Github Pages**
 - Key functionalities: **Authentication, State Management with Redux, Saving data to Cloud**
 - Worked individually on the Design, Development aspects of the project
- **My-Quizzer**
 - A web app developed as part of Web Development workshop by KSHITIJ, that makes creating, holding and managing the quizzes lot easier. It uses the **AJAX** to get and load data.
 - Built using **JS, JQuery, PHP, SQL, MySQL** as the Database service and deployed to web.
 - Worked individually on the the front end and back end development of the project
- **More Projects**

Worked on many Web Development projects: [Snake Game](#) (JS), [Ludo Game](#) (JS), [My Forums](#) (PHP, SQL, JS)

Contributions to Open Source Projects: [Productiivty Meter](#) (JS), [Blog API](#) (React JS), [DYSTuss](#) (React JS).

Technical Skills

Languages	C, C++, HTML, CSS, JavaScript, Python, PHP, SQL, MATLAB
Libraries / Frameworks	jQuery, ReactJS, Flask
Data Storage / Handling	MySQL, PostgreSQL

Involvements & Workshops

- **OpenSource Involvement:**
 - Successfully participated in [Kharagpur Winter of Code 2020](#), conducted by Kharagpur Open Source Society.
- **Workshops:**
 - Involved in **Web Development** Workshop by [KSHITIJ Techno Management Fest 2020](#), IIT Kharagpur.
 - Participated in **Web Development** Workshop by [Spring Cultural Fest 2020](#), IIT Kharagpur.

Scholastic Achievements

2019 - Present	JBNSTS Rank 25: selected as Senior Scholar 2019 in the State Level Scholarship test - WB
2019	IITJEE Advanced AIR 324: Under top 0.15% amongst more than 2,00,000 students IITJEE Mains AIR 789: In top 0.1% amongst more than 11,00,000 students. KVPY SX - AIR 412: Awarded fellowship for the prestigious KVPY Scholarship in SX-Stream (XII) BITSAT 430/450: Received 10K Merit Cash Reward from college for standing top in the test. KLEEE Rank 18: Awarded 50K Cash Prize from KL University for being in top 20 in Entrance Test.

Relevant Coursework

(T)heory and (L)aboratory

Programming And Data Structures (T/L) | Algorithms I (T/L) | Discrete Structures (T) | Formal Language Automata Theory (T) | Software Engineering (T/L) | Switching Circuits And Logic (T/L) | Probability And Statistics (T)

Certifications & Online Trainings

[Web Applications for Everybody Specialisation of 4 Courses](#) : Coursera