

Sagnik Santra

Website | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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EDUCATION

- **Manipal Institute of Technology** Manipal, India
Bachelor of Technology - Data Science and Engineering;
Courses: Data Structures, Algorithms, Database Management, Computer Structures and Architecture, Computer Networking, Object Oriented Programming, Machine Learning *Graduating 2025*
- **Vivekananda Mission School** Kolkata, India
Physics, Chemistry, Mathematics, Computer Science

EXPERIENCE

- **Freelance** Remote
SDE Intern *June 2023 - Aug 2023*
 - **Product:** Fantasy gaming platform for elections in India
 - **Technologies Used:** MongoDB, Express, React, Redux, Tailwind, NodeJS, Typescript
- **ECell MIT Manipal** Manipal
Web Developer *Dec 2022 - Feb 2023*
 - : Created the official website of Manipal Entrepreneurship Summit 2023 with active users of over **5000+** users.
 - **Technologies Used:** MongoDB, Express, React, NodeJS

POSITIONS OF RESPONSIBILITY

- **International Delegate - HPAIR:** Selected as a delegate for Harvard College Project for Asian International Relations 2023 to represent at the Asia Conference to be held in Hong Kong
- **Executive - ECell MIT:** Conducted online and offline technical training impacting over 100+ students. Played an instrumental role in conducting MES 2023, one of the biggest Entrepreneurship Summit in Southern India. Developed the event registration website from scratch.
- **Management Committee Member - IECSE:** Exploring web dev and machine learning at a core level, innovating and collaborating, while also enabling others by helping, sharing, and guiding in the field of machine learning.
- **Management Committee Member - RedX Manipal:** Managed a large community of 200+ with a shared value to help underprivileged people of the society. Also envisioned and developed it's website from scratch. ([link to website](#))

PROJECTS

- **MES 2023 Website (Web Development, Full Stack Deployment):**
 - : Developed a website from scratch that showcases all the events taking place and their details. The whole website is made using ReactJS and Sass is used for CSS.
 - : Registration and Login feature for the Users added with the facility to register for their favourite events. The user data and their registered events is being stored in MongoDB.
 - : Utilized responsive design to ensure compatibility across all devices
 - **Technologies Used:** MongoDB, Express, React, NodeJS
- **W-Connect (ML, Web Development, Women Empowerment):** ([link to project](#))
 - : W-Connect is an application to match mentors with mentees based on their common preferences and requirements
 - : Website was made using React and NextJS. The preferences of the user along with user data was stored in Firebase
 - : Utilized responsive design to ensure compatibility across all devices
 - **Technologies Used:** MongoDB, Express, React, NodeJS, NextJS, Firebase
- **RedX Manipal Website (Frontend Development):** ([link to project](#))
 - : Developed the official website of RedX Manipal.
 - : Used user-friendly responsive designs to build the website
 - **Technologies Used:** React, Tailwind

SKILLS

- **Technical:** C++(Advanced), C(Advanced), Python(Intermediate), Pandas(Intermediate), HTML5/CSS(Intermediate), Oracle SQL(Intermediate), Java(Intermediate), JavaScript(Intermediate)
- **Soft Skills:** Project Management, Leadership, Verbal and Written Communication, Teamwork, Creativity
- **Coursework:** Web Development Bootcamp by Angela Yu (Udemy), Introduction to Machine Learning by Andrew NG (Coursera), Frontend Development Specialization by META (Cousera) , Data Structures and Algorithms (Coding Ninjas)

ACHIEVEMENTS

- Secured 1st position under W20 category out of 200+ participants and in the APPLab Hackathon conducted by MAHE Innovation Centre for making the W-Connect web app
- Recipient of the AICTE scholarship for my Engineering Education