



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2026	B.TECH	IIT Kharagpur	8.16 / 10
2021	SENIOR SCHOOL CERTIFICATE EXAMINATION	SARADA VIDYA MANDIR	85.2%
2019	ALL INDIA SECONDARY SCHOOL EXAMINATION	SARADA VIDYA MANDIR	87.6%

## INTERNSHIPS

Front-End Developer Intern | ELiteTech Intern [May' 2025 - Jun' 2025]

- Developed **4 frontend projects** including an interactive quiz app (JavaScript), real-time chat application (**WebSockets + React**), personal portfolio website (**HTML/CSS**), and multi-page e-learning platform UI (**React**)
- Implemented **responsive, accessible, and reusable UI components** with modern frontend practices, ensuring **polished user experiences** across devices
- Designed and implemented **responsive, user-friendly interfaces** with features like **dynamic content** loading, instant feedback, and progress tracking

Head of Web Development Intern | CLUMOSS [Aug' 2023 - Sep' 2023]

- Helped **100+ interns** build their first portfolio from scratch and helped to **deploy** it using **GitHub pages**
- Created a guide path for their internship in web development which included **4 projects** during their internship period
- Helped the company **develop** the **website** and maintained it during my tenure as the **head of web development**

Front-End Developer Intern | Tryp.com [Sep' 2025 - Oct' 2025]

- Executed targeted **bug fixes** and **performance optimizations**, enhancing the **stability** and speed of the company's website
- Spearheaded the implementation of new **user-facing features**, translating design mockups into functional, **responsive web components** using **React JS** and **modern CSS**
- Collaborated effectively with the engineering team to deploy a more **intuitive** and **visually cohesive** user experience

## PROJECTS

E-COMMERCE WEBSITE | Self Project [Jan' 2024 - Feb' 2024]

- Utilized **React JS** for the **frontend**, **MongoDB** for **database management**, and **Express & Node JS** for **backend** development
- Integrated **MongoDB** to organize and manage **product information** and user data, **optimizing retrieval** and storage processes
- Implemented **authentication** mechanisms to ensure secure user accounts and **personalized** experiences

REAL-TIME CHAT APP | ELiteTech Intern [May' 2025 - Jun' 2025]

- Developed a chat application with **instant messaging using WebSockets (Socket.io)**, enabling seamless real-time communication
- Built a **responsive React frontend** with dynamic UI updates, message notifications, and typing indicators
- Implemented **user authentication and authorization** with JWT to ensure secure login and protected chat rooms
- Designed a **scalable backend API** with Node.js and Express, supporting multiple concurrent users without performance loss
- Integrated **MongoDB for message storage and retrieval**, ensuring persistence and chat history availability

Frontend of Tryp.com Website | Tryp.com [Sep' 2025 - Oct' 2025]

- Fixed production **UI bugs** and minor issues across **React/TypeScript/Chakra** components, improving **reliability**
- Shipped small, **reviewable PRs** with **clear context, screenshots, and lint diffs** to speed reviews and keep main stable
- Optimized targeted views with **lightweight performance** tweaks (bundle trims, image strategy, render cleanup) for **smoother UX**

## SKILLS AND EXPERTISE

**Languages:** C, C++, Python, HTML5, CSS3, JavaScript

**Frameworks, Libraries and Tools:** Arduino, Figma, Fusion360, git, Pandas, NumPy, Django, ReactJS, Express & NodeJS, MongoDB

## COURSEWORK INFORMATION

**Programming and Data Structures | Programming and Data Structures Laboratory | Advanced Calculus | Linear Algebra, Numerical and Complex Analysis | Transform Calculus | Probability and Statistics**

## AWARDS AND ACHIEVEMENTS

Academic Excellence Award - WBJEE' 2022

- Received the Academic Excellence Award by Chief Minister of West Bengal for securing the **General Merit Rank - 190 & SC Rank - 8** among **1.2 lakhs WBJEE aspirants** in the **WBJEE - 2022**

## EXTRA CURRICULAR ACTIVITIES

National Cultural Academy (NCA) | Vocals | IIT Kharagpur [Nov' 2022 - Apr' 2024]

- Engaged in an experiential learning program to develop creative skill through high-quality training in Classical Music
- Performed chorus songs in various events organized by the Academy of Classical and Folk Arts of IIT Kharagpur

## POSITIONS OF RESPONSIBILITY

Captain | Western Vocals | Azad Hall of Residence | IIT Kharagpur

- Led the team to a **Gold Medal** in the Western Vocals category of Social & Cultural at the **General Championship 2024 - 2025**

Undergraduate Mentor | Student Welfare Group | IIT Kharagpur

- Mentored 4 First Year student under the **student mentorship program** for the **academic session 2024 - 2025**