



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	B.TECH	IIT Kharagpur	8.27 / 10
2018	AISSE	Bhavan's Tripura Vidyamandir	89%
2016	AISSE	Bhavan's Tripura Vidyamandir	10 / 10

SKILLS AND EXPERTISE

• **Programming Languages:** C++ | C | Java (Basics) | Java-Script | Python (Basics) | HTML5 | CSS3 | SQL | MERN
• **Softwares & Frameworks:** Android Studio | Git | Github | Blender | MS -Office | Bootstrap | MATLAB(Basics) | LTSpice

INTERNSHIPS

CODING NINJAS | Teaching Assistant

[Jan 2022 - Mar 2022]

• **DSA:** Mentored the students at Coding Ninjas throughout their journey of Learning DSA to aid their preparation

Content Writer | Embibe

[May 2020 - Jul 2020]

• **Content writer** for IIT JEE examination in Embibe for couple of months which helped students to prepare better

PROJECTS

Algo-Chef | Search Engine for DSA problems

[May 2022 - Jun 2022]

• Developed an end to end web based search engine for DSA Problems with **Mongo-DB** and **Node-JS** in backend
• Used **BM-25 algorithm** for providing the best search results where database is built by scrapping **2500** DSA problems using **BS4** and **Selenium** Web Driver from recognized coding platforms like Leetcode and CodeChef
• Implemented the **TF-IDF algorithm**(Term frequency-inverse Document Frequency) to generate the TF-IDF matrix
• Improved the performance of search engine by handling edge cases like **stemming** and **lemmatization** using the **autocorrect** and **WordnetLemmatizer** libraries and successfully deployed the application using **Heroku CLI**

Know Your College(MERN Project)

[Nov 2021 - Dec 2021]

• This website's goal is to make it easier for student to get certain information like last year cutoff, course offered etc. of various colleges on a single website which will help students to get an idea of their desired college
• Built **Rest API** in Node.Js to manipulate the dynamic data. **React** was used for frontend and for managing state in frontend, I have used the **redux** and successfully deployed backend using heroku and frontend using netlify

Shah Basket | Android App

[Feb 2021 - Mar 2021]

• Developed a fully functional E-commerce Android App for the Grocery store for managing the sales effectively
• Used Google's **Place Autocomplete** API to autocomplete Address and integrated Razor Pay payment gateway
• Developed the APP by using React Native scripting & backend supported by **RESTFUL** API which built in Node.JS

COMPETITION/CONFERENCE

LeetCode: Ranked **868** globally out of 23,000 participants in LeetCode **Biweekly Contest 85**, organised by HESAI
LeetCode: Peak rating of **1803** in LeetCode (placed in top **6.99 percentile** among all active users on leetcode)

• Secured an All India Rank of 406(Category,top 1%) with over 0.2 million appearing candidates in JEE Advanced 2019
• Achieved an All India Rank of 3325 (top 0.8 percentile) with over 1.2 million appearing candidates in JEE Main 2019

COURSEWORK INFORMATION

• **College:** Programming &Data Structures in C|Algorithms I|Electrical Technology|Signals And Networks| Electrical Machines | Measurement and Electronic Instruments| Basic Electronics | Analog Electronics | Power Electronics
• **MOOCS:** C++ | Web Development | Graphic Designing | DBMS | Operating Systems | OOPS | SQL | Computer Networks

POSITIONS OF RESPONSIBILITY

GES INTERN AT ENTREPRENEURSHIP CELL | IIT Kharagpur

[Oct 2019 - Mar 2020]

Under Prof. Pranab K Dan, RMSOE(School of Engineering Entrepreneurship), IIT Kharagpur

• Conducted awareness drive on entrepreneurship among students across India's largest Entrepreneurial event
• Designated as Competition/Events Head for the Global Entrepreneurship Summit
• Headed a group of more than 60 students for a number of activities as a Summit time responsibility

EXTRA CURRICULAR ACTIVITIES

• **Inspired** a lot of students by giving **Seminars** on the "**The art of Self-Management**" based on Bhagavad Gita
• Volunteered in **National Service Scheme**, IIT Kharagpur as a team leader and conducted health surveys
• Contributed to silver winning Inter-Hall illumination Team of Radhakrishnan Hall of Residence in 2019
• **Ranked 2** in a state level General Knowledge Competition where 200+ students participated from the state