



ANANT JAIN

Course : **M.Sc. (Hons.)**, Biological Science and **B.E. (Hons.)**, Chemical, 2025

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CGPA : 8.01



ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Mother's International School, New Delhi, Delhi-110016	CBSE	94.6 %	2020
CLASS X	Delhi Public School, Preet Vihar, Hapur, Uttar Pradesh	CBSE	99.2 %	2018
Subjects / Electives	Computer Programming, Object Oriented Programming, Probability and Statistics, Human Resource Development, Mathematics I, Mathematics II, Mathematics III			
Technical Proficiency	Python, Github, Node.js, MongoDB, React.js, C++ Language, Express.js, JavaScript, Java			

PROJECTS

Inventory Management Software - Web Development

Dec 2022 - Feb 2023

Project Repository - [Github](#) | Developed a full-stack inventory management web application using the **MERN** stack

- Implemented **MVC**(Model, View, Controller) architecture for code organization and **RESTful API** for handling user authentication and inventory management
- Enabled user registration and authentication with **JWT** (JSON Web Token) for secure access, incorporating password reset feature with **Nodemailer**
- Utilized **Redux Toolkit** for efficient state management and employed **Axios** for seamless **HTTP request** handling between the client and server
- Implemented **CRUD**(Create, Read, Update, Delete) functionality for adding, updating, and deleting inventory items

Blind Coding Website - Web Development

Mar 2022 - Apr 2022

Project Repository - [Github](#) | Developed the frontend of the website for the **Blind Coding** event, using **React**

- Developed the frontend of the website utilised as the central hub for BITS Pilani's annual tech-fest **APOGEE 2023**, catering to **100+ users**
- Provided easy access to the executable files through the website for coding-related problems, and for **HackerRank** link where the contest was hosted
- Leveraged **React** libraries and frameworks, ensuring optimal performance and responsiveness across various devices and screen sizes

Coding Club Recruitment Portal - Web Development

Dec 2021 - Jan 2022

Project Repository - [Github](#) | Developed the frontend of the website using **React** for conducting the Coding Club recruitments for the batch of 2021

- Utilized the website for the aptitude-based recruitment round with participation from **450+ users** across the campus
- Created a user **registration and login system** to manage participant data securely, helping close recruitments in **20%** less time from previous year
- Designed and **integrated an aptitude test module** that presented a series of coding-related questions to the participants
- Incorporated a **timer feature** to restrict the time allotted for questions
- Collaborated** with backend developers to integrate the frontend with the server-side functionalities seamlessly.

POSITION OF RESPONSIBILITY

APOGEE-Coordinator - Coding Club, BITS Pilani

May 2022 - May 2023

- Spearheaded key events as the lead of **50+** members from Coding Club during **APOGEE 2023 - 41st edition** of BITS Pilani's annual technical fest
- Developed the web portal for **Blind Coding** contest where participants had to write code without being able to look at the problem
- Successfully executed **International Coding League**, a two-stage competition with participation from top-Indian colleges for a prize pool of **INR 40K+**
- Led a team of 15 members of Game Development division, helping to develop **VR shooting game** named-Neural Nexus
- Coordinated with **App Development** and **Backend vertical** in creating a **Stock Market Simulation app**, engaging users in virtual stock trading
- Received **500+ downloads** for both **Android** and **iOS** users, with event having a total prize pool of **INR 20K**

SUMMER INTERNSHIP / WORK EXPERIENCE

Web Developer, Indian Red Cross Society

Jun 2022 - Jul 2022

- Identified bugs in the **AWPRC** and **IRCS** website, suggesting fixes on major shortcomings of their website including lack of responsiveness
- Implemented a layout that offers a good user experience and is responsive to different viewport sizes
- Fixed bundling-related issues helping reduce the number of requests being sent to the server, after analysing through network waterfalls
- Proposed a key initiative to bundle these static files and assets, allowing us to send only one request and eliminating a lot of the overhead time

EXTRA CURRICULAR ACTIVITIES

Cricket

- Led the 7-member team to finalist position in Inter-hostel Cricket competition with participation from 10+ teams across the campus

VOLUNTEER EXPERIENCE

Sri Aurobindo Ashram, New Delhi - Role: Community Service | Cause: Education

Jun 2019 - Jul 2019

- Volunteered in the '**Reaching Out**' community service program, **taught and assisted** underprivileged students with their schoolwork
- Fostered a nurturing learning environment, helping these young minds not only complete their assignments but also instilling in them a love for learning