



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	B.S.	IIT Kharagpur	8.56 / 10
2020	AISSCE	St. Karen's High School	97.60
2018	AISSE	Gyan Niketan Girls School	98.00

PROJECTS

AAM App | Students' Alumni Cell, IIT Kharagpur | Android Development (Oct'22 – Jan'23)

Developed android app with features Login, logout, navigation and accommodation using React Native and NodeJs

- Wireframed the User-Interface (UI/UX) of the Annual Alumni Meet using **React Native, HTML, CSS and Bootstrap**
- **Modelled APIs** for functionalities such as Login, Logout, Profile page and Accommodation page used in the App
- Refined the APIs for push notifications service for sending the notifications of the location & venue of the events
- Developed and integrated the back-end of the app using **NodeJs, ExpressJs** and the database in use being **MySQL**
- Added a map page on the app, which showed the location at which event was being conducted using **Maps**.

Environmental | Frontend Project (Jan'23 – Feb'23)

Designed the frontend of the website with carousel & footer using ReactJS, MaterialUI, React Bootstrap, React Strap

- Made a fully responsive site and implemented features such as carousel, navbar footer, testimonials & landing page
- Used libraries such as **MaterialUI, React Strap, React Bootstrap, Semantic UI React, Syncfusion ReactJS UI, ReactJS**

Book Selling Site | MERN Project (Feb'23 – Present)

Developed a book selling website in ReactJS, NodeJS, Express with AddtoCart, Payment, Favourite & authentication

- Designed and curated the front-end of a website for selling books using **ReactJS, HTML, CSS & Bootstrap** framework.
- Implemented **authentication middleware** for the authorization of the users when a user tries to login onto the site.
- **Created APIs** for functionalities like AddtoCart, Order, Favorites and reviews using **NodeJs, ExpressJs and mongoDB**.
- Created an interface where the user can **filter the books** using author's name and the current rating of the book.
- Integrated a **Payment Gateway** on the website using **Razorpay** for the purchase of the books added in the cart.
- **Executed Bcrypt.js** for encrypting user's password & used **Passport.js** for authorising the user through **JWT** token

POSITIONS OF RESPONSIBILITY

Web Team Member | Students' Alumni Cell, IIT Kharagpur | (Aug'22 – Present)

- Wire-framed for the new design of the official website of Students' Alumni Cell and worked on site maintenance
- Developed Image sharing cum Social Networking Portal with options of Likes, Comments, Notifications and more
- Searching for colleagues, viewing the trending Page, voting, posting articles and testimonials on profiles, approving them, viewing the Class Map, were some of the key features of the portal made using Laravel, AJAX and Jquery
- Developed and integrated the official app of the Annual Alumni Meet, with notifications, profile, login and map page
- Worked as a team and bagged a sponsorship of 2.8M for the 19th Annual Alumni Meet and reunions as well
- Responsible for organising the 19th Annual Alumni Meet, consisting of 15 events with participation of 200+ alumni.

SKILLS AND EXPERTISE

Programming Languages: C++ | C | JAVA | Python | SQL | HTML | CSS | R | MongoDB | JavaScript and PHP

Software & Operating System: Git | Github Desktop | XAMP | Canva | Postman | MS Office | Auto CAD | Matlab

Packages & Libraries: STL | Point Cloud Library | ReactJS | Django | NodeJS | Bootstrap | MaterialUI | Jquery

Courses: Probability and Statistics | Partial Differential Equation | Programming and Data Structures | Transform Calculus | Differential Equation | Advanced Calculus | Physics of Waves | Engineering Drawing and Graphics

MOOCs: Data Structures and Algorithms | C Programming | JAVA | C++ Standard Template Library | Python

AWARDS AND ACHIEVEMENTS

- Ranked among the top 1 percentile in JEE Main, 2021 conducted by the Government of India among 1.2M candidate
- Semi-Finalist in the Inter-Departmental Girl's Football Tournament held in IIT Kharagpur among 7 playing teams
- Participated in the Inter-School Science Exhibition held in Patna and bagged second position in the entire city

EXTRA CURRICULAR ACTIVITIES

- Headed a team of 35 members in NSS and preformed cleaning, AIDS awareness, ESI survey, plantation and nukkad
- Participated in NSS Camp 2022, taught students and worked for the development of nearby village and ecosystem
- Participated and successfully completed the Kshitij web development workshop during the second semester break