Aryan Kumar |20IM30033

Industrial and Systems Engineering (M. Tech 5Y)

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EDUCATION

Degree/Exam	Institute	Performance
Master of Technology	Indian Institute of Technology Kharagpur	8.76 / 10
Class XII, CBSE	Nezamia Public School, Bihar	8.54 / 10
Class X, CBSE	Indian Public School, Bihar	9.50 / 10

RELEVANT COURSEWORK

- Linear Algebra & Statistical Learning
- Advanced Calculus
- Programming and Data Structures
- Transform Calculus
- Operation Research
- Entrepreneurship

SKILLS AND EXPERTISE

- **Languages, Frameworks and Libraries:** HTML, CSS, JavaScript, C/C++, React.js, Node.js, EJS, Express.js, MongoDB and Bootstrap
- **Developer Tools:** VS Code, MS Office, Git, GitHub, Mongoose, Figma (UI /UX design tool)

INTERNSHIPS

EA Technology | Frontend Engineering Intern | Summer 2022, Belgium
- Built a responsive website using HTML, CSS, and JavaScript to showcase the company's products and services.
- Worked collaboratively with a team of designers and developers to implement UI/UX designs.
- Presented the final product to the company's management team and received positive feedback. **website**

Full-Stack Development SDE Intern | Summer 2022, Florence, Italy
- Developed RESTful APIs using **Node.js** and **Express.js** to handle server-side requests and designed and implemented a responsive frontend using **React.js**, HTML, CSS, and JavaScript
- Implemented mail functionality using **nodemailer** for email verification and **bcrypt.js** for password encryption.
- Developed and integrated a user authentication system using **Passport.js** and JSON Web Tokens (**JWT**).
- Designed and implemented a database schema using **MongoDB** and **Mongoose**
- Conducted testing and debugging to ensure the website met quality standards **website**

PROJECTS

Box-Of-Books | MERN Stack Project
Box-Of-Books is a full-stack web application built using the MERN stack (**MongoDB, Express.js, React.js, and Node.js**). The application allows users to add books and their prices to the website, and an admin page is available to manage the content.
- Application can take details of Book and save it in MongoDB database.
- Implementing admin features to manage user input and content on the website

ISE NOTES | Academic Notes
- **Description:** Developed a website using HTML, CSS, and JavaScript that contains academic year notes for the ISE department. The website is user-friendly and easily accessible to students for their academic needs.
- **Key Accomplishments:** Gathered and organized academic notes for the ISE department, received +ve feedback from students and faculty members for the usefulness of the website and optimized the website for performance and user experience.

Freelancing Projects | Frontend Websites using Html, CSS & JavaScript
Delicious Restaurant, **GitHub** and Victory Construction, **GitHub**

POSITIONS OF RESPONSIBILITY

Chi SquareX Technologies | Deep Tech Startup | April 2022 – Present
Web Head at Chi SquareX Technologies
- Currently maintaining the website of Chi SquareX and Worked on various Portfolio websites using HTML, CSS, JS and React for different clients

Secretary Maintenance |Jagadish Chandra Bose Hall of Residence, IIT Kharagpur | April 2021 – March 2022
- Accountable for proposing and managing the Annual maintenance budget of INR **2 Lakhs** in conjunction with hall borders.

General Secretary |Industrial and Systems Engineering Society (ISE Society), IIT Kharagpur |May 2022 - April 2023
- Elected by **550+** students of Industrial and Systems Engineering Department to represent the ISE Society in IIT Kharagpur.

Student Mentor | Student Welfare Group |IIT KHARAPUR | April 2021 – March 2022
- Responsible for conducting timely assessment and **mentoring junior students** of Industrial and Systems Engineering Department
- Guided mentees in both academic and non-academic activities for their development and **well-being in student community**

AWARDS AND ACHIEVEMENTS

- Recipient of **Merit Cum Means** scholarship for three consecutive academic year for outstanding academic performances.

EXTRA CURRICULAR ACTIVITIES

Website Hackathon| Technology Students' Gymkhana, IIT Kharagpur| January 2021 – March 2022
- Our team consisting of sophomores with a senior have completed the Hackathon website conducted by technology Students' Gymkhana **GitHub**

Volunteer | National Service Scheme, Unit-16, IIT Kharagpur| 2020-2021 and 2021-2022
- Active member at NSS Organization in the campus of IIT Kharagpur and maintain the diary of all our work. **Visit**