

Shubham Kumar

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EDUCATION

B. Tech | IIT Patna

Metallurgical and Materials Engineering CPI: 7.27/10.00

Bihta, Bihar

Expected Graduation: Jun 2023

Intermediate | PMPS

CBSE Board Percentage: 85.4 Percent

Patna, Bihar

Apr 2016 - May 2018

EXPERIENCE

Milkvilla

Software Developer Intern

Remote

Jun 2021 - Aug 2021

- Created a fully Functional E-commerce website using React, Firebase, NodeJs and MongoDB (Estimated increase in Service usage by 150 percent on completion)

PROJECTS

M. Tech Portal | Prof. Mayank Aggarwal | IIT PATNA

Mar 2021 - Apr 2021

- Objective: To build an online Portal for the admissions of students in different branches in M. Tech (2021), IIT PATNA
- Through the portal, applicants can apply to multiple branches at once. (Helped to reduce the time taken for admission by 50 percent) [Website Link](#)
- Some of the features included login - signup, forgot password via email, filling the application form, editing it, applying separately for multiple programs in MTech and viewing its status, uploading documents, and storing them on s3 bucket and authentication.
- Used by 1000+ students
- ReactJs, Node Js, MongoDB, and AWS were all used to implement the project.

Dashboard for Data Visualization | UNICEF

Feb 2021 - May 2021

- Objective: To display a set of data (Using ApexChart and MaterialUI) having 10 imperatives and multiple outcomes of different categories dynamically based on insertions by Officials of Bihar Government (dashboard for UNICEF). [Website Link](#)
- Technicalities Used: React Js, NodeJs and MongoDB

Gymkhana Election Portal | IIT Patna

Dec 2020 - Feb 2021

- Objective: Implementation of online Election portal (One-time voting system) for IIT PATNA Gymkhana Elections(2021)
- Developed using Vanilla Javascript and PHP

Celesta Website | Celesta (Tech Fest, IIT PATNA)

Nov 2020 - Feb 2021

- Objective: To develop and maintain the Website of Celesta and allowing participation in various events in the fest (More than 1000 people used the website and participated in various events)(Team Project) [Website Link](#)
- Website features included adding events (admin only), participating in events (solo and team), and displaying results.
- Technologies Used : ReactJs-Redux, NodeJs, MongoDB and AWS

Skills

- Tech Stacks:** HTML, CSS; Javascript and JS frameworks like React.js, Redux, VueJs; Node.js and MongoDB; WebSockets (Socket.io); Electron Js, Firebase; C++; AWS (EC2 and S3); Version control systems; Working knowledge of Linux
- Programming Skills:** Frontend and Backend Development, Data Structures and Algorithms, Database Management, Testing and Debugging

Credentials and Achievements

- American Express CodeStreet'21(Finalists):** Secured a place among the top 10 teams out of 9000 (in Progress)
- Solved more than 500 Problems on various platforms like Leetcode, Codeforces, CodeChef, AtCoder, HackerRank, CSES.
- Inter-IIT Techmeet(2019):** 1st Position in Ashoka - INTER-IIT, a high-preparation. Event
- Productathon (Online Hackathon - IIT Roorkee):** In Top 10
- Hackolatte (Hackathon - IIT Patna):** 2nd Position
- JEE Advanced 2019:** Among top 1.25 percent of 1.2 million candidates across the country in JEE Advanced 2019.

Positions of Responsibility

- Technical Secretary Junior Year,** IIT Patna (Jul 2021 - Present)
- Coordinator,** [Celesta](#) Web Team (Jun 2021 - Present)
- Web Team Lead,** [DSC IIT Patna](#) (Aug 2020 - Aug 2021)