Sahil Shubham

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EDUCATION

Indian Institute of Technology   Kharagpur, India
B.Tech in Metallurgy & Materials Engineering, SGPA – 8.58/10.00   *2019 – 2023*

EXPERIENCE

Core Team Member   November 2020 – Present
Kharagpur Open Source Society (KOSS)   *IIT Kharagpur*
- Conducted multiple workshops for students regarding Git & Github, Ubuntu etc.
- Developed a full-stack web application using GoLang, React, MySQL for a month long open source event
- Explored Github API and used it to visualize Github data in real-time

Organization Member   September 2020 – Present
Metakgp   *IIT Kharagpur*
- Maintained and improved multiple projects aimed at students of IIT Kharagpur
- Assess and troubleshoot bugs brought by students
- Made projects accessible to a larger audience through improvements

PROJECTS

Kharagpur Winter of Code (KWoC 2020) | *React, Bulma, Sass, Netlify*   December 2020
Making a website to see real time GitHub stats for thousand of students
- Developed a web application with React as the front-end, with Sass and Bulma
- Implemented GitHub APIs to get real time statistics for thousands of users
- Visualized GitHub data of more than 3000 students to show their collaborations
- Implemented continuous deployment using Netlify

E-Learning Platform | *React, Material-UI, Node.js, AWS, MySQL*   October 2020 – Present
Making a unified learning platform for students, parents and teachers
- Developed a full-stack web application using React & Node.js
- Implemented multiple functionalities like online quiz, assignments, classes on the platform
- Implemented continuous deployment using AWS

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, HTML/ CSS, SASS, SQL, Bash
Libraries/Frameworks: JQuery, TypeScript, ReactJS, Material-UI, Bulma, Bootstrap, NodeJS, Tkinter
Developer tools: Git, Vim, Netlify, AWS, MongoDB, NGINX, Postman

ACTIVITIES & SCHOLASTIC ACHIEVEMENTS

Open-Source Involvement: Improved multiple projects like ERP Auto-Login, Gyft Serve and LTTKGP. Also helped conduct KWoC, a month long event to promote open source culture among college students across India

Mechanical Team Member, Swarm, IIT Kharagpur: Made and improved designs for different types of path finding and modular bots

IITJEE Advanced *AIR 5295*: Under top 3% amongst more than 2,00,000 students

IITJEE Mains *AIR 9306*: In top 0.7% amongst more than 12,00,000 students