

Sahil Shubham

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EDUCATION

Indian Institute of Technology

B.Tech in Metallurgy & Materials Engineering, SGPA – 8.58/10.00

Kharagpur, India

2019 – 2023

EXPERIENCE

Core Team Memeber

Kharagpur Open Source Society (KOSS)

November 2020 – Present

IIT Kharagpur

- Conducted 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

Metakgp

September 2020 – Present

IIT Kharagpur

- Maintain and improve 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, GoLang, MySQL, Netlify*

December 2020

Making a website to see real time github stats for thousand of students

- Developed a full-stack web application using with GoLang & React as the backend and frontend respectively
- Implemented GitHub APIs to get real time statistics for thousands of users
- Visualized GitHub data to show collaboration
- Around 3000 students and mentors participated in this event

E-Learning Platform | *React, Material-UI, Nodejs, AWS*

Making a unified learning platform for students, parents & teachers

October 2020 – Present

- Developed a single e-learning platform for students, teachers and parents
- Implemented multiple functionalities like online quiz, assignments, classes on the platform
- Implemented continuous deployment using AWS

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, GoLang, HTML/ CSS, SASS, SQL

Libraries/Frameworks: NodeJS, TypeScript, ReactJS, NGINX, Material-UI, Bulma, Bootstrap, Tkinter

Developer tools: Git, Vim, Netlify, AWS, MongoDB, Postman

ACTIVITIES & SCHOLASTIC ACHIEVEMENTS

OpenSource 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.