

# 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*

October 2020 – Present

*Making a unified learning platform for students, parents & teachers*

- 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.