

# 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 Member

*Kharagpur Open Source Society (KOSS)*

November 2020 – Present

*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

*Metakgp*

September 2020 – Present

*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

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

November 2020 – January 2021

- 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

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

October 2020 – Present

- 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

### CodeIT | Bootstrap, Node.js, AWS, MySQL

*Making a placement platform for students pursuing different careers*

January 2021 – Present

- Developed a full-stack web application using Bootstrap & 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