

# Sahil Shubham

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*I am enthusiastic about Open Source, writing organized code and knowing what I don't know*

## Education

### Indian Institute of Technology

B.Tech in Metallurgy & Materials Engineering, CGPA – 8.03/10.00

Kharagpur, India

2019 – 2023 (Expected)

## Open-Source Projects

### KGPyaar | ReactJS, TypeScript, Sass, Flask, MongoDB

January 2021 – February 2021

- Implemented ElGamal encryption in the frontend to make a dating website for student of IIT Kharagpur
- Made custom authentication Hooks to handle user's data, login and registration process
- Wrote white paper to spread awareness resulting in more than **600+ registrations**, and **90 matches** in 2 weeks

### Grameen-Setu | ReactJS, Typescript, Sass, React Hook Form

March 2021

- Made Grameen Setu, a progressive e-commerce platform to connect SMEs and self-help groups in India
- Worked in a team of 4 to develop the platform in 3 weeks and tested robustness among real producers and consumers
- Won **gold for best Tech-Led Innovation for Rural Entrepreneurs** organized by Dhristee in InterIIT Tech Meet

### Technology Students' Gymkhana | NextJS, Javascript, Sass

March 2021 - June 2021

- Revamped the old gymkhana website using NextJS to show college achievements, events, contacts and conduct elections
- Made multiple high fidelity designs using Figma to give the website a fresh look resulting in **25k page views** in 3 weeks

### Project IAS | ReactJS, Sass, NodeJS, Meilisearch, InstantSearch

July 2021 – Present

- Made a one stop platform for IAS aspirants with previous year questions, daily news and reading material
- Implemented a work around to achieve multi-index search, a feature currently unavailable in Meilisearch

### Kharagpur Winter of Code (KWOC 2020) | ReactJS, Bulma, Sass

November 2020 – January 2021

- Made a platform to register and contribute to open source projects with a dashboard for mentors and mentees
- Used GitHub API to show real time contribution for thousands of students and evaluated their contributions

## Experience

### Neera.ai

May 2021 – Present

**Full Stack Intern** | ReactJS, Redux, tailwindCSS, Styled-Components, NodeJS, Docker, AWS

- Interned as a Full Stack developer at Neera, a startup aiming to improve search experience by community driven apps
- Implemented Figma designs and gradually moved the whole codebase from tailwindCSS to styled-components
- Worked in a team of 2 to develop search integrations to allow users to search through their personal documents for services like Pocket, Notion and Drive
- Worked towards dockerizing the codebase and deployed on AWS Elastic Container Service using GitHub Actions

## Technical Skills

**Programming Languages:** JavaScript, Python, C/C++

**Frontend Libraries/Frameworks:** TypeScript, ReactJS, NextJS, Redux, Material-UI, Bulma, Styled-Components

**Backend Libraries/Frameworks:** NodeJS, Flask

**Databases:** MySQL, PostgreSQL, MongoDB

**Systems/Platforms:** Git, Linux, Nginx, Docker, AWS

## Position of Responsibility

### Kharagpur Open Source Society | Core Team Member

October 2020 – Present

- Helped conduct workshops regarding Git, Vim, Python and REST API to promote Open Source in IIT Kharagpur
- Organized KWOC, a month long event for students to contribute to Open Source with **2500+ registrations**

## Activities & Scholastic Achievements

**Open-Source Involvement:** Helped improve multiple projects like **ERP Auto-Login**, **Gyft Serve** and **LTTKGP**

**IITJEE:** Under top 3% and in the top 0.7% for IITJEE Advanced and Main Exam