

# Sahil Shubham

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## EDUCATION

### Indian Institute of Technology

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

Kharagpur, India

2019 – 2023

## OPEN-SOURCE PROJECTS

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

January 2021 – February 2021

*Made a client side encrypted dating website for the students of IIT Kharagpur*

- Made custom authentication Hooks to handle user's data, login and registration process
- Used SendGrid to verify college emails and to send link for the next step of registration
- Implemented ElGamal encryption in the frontend to preserve privacy of user's choices

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

March 2021

*Made a progressive web-app for small local businesses to sell their products and connect with producers*

- Implemented multi-step registration form using React Hook Form
- Worked in a team of 4 to develop the whole platform in 3 weeks and tested among real consumers and producers
- Won gold for best Tech-Led Innovation for Rural Entrepreneurs among top colleges in India

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

March 2021 - June 2021

*Remade the old gymkhana website using NextJS to show college achievements, events and contacts*

- Made multiple high fidelity designs from scratch using Figma
- Made responsive charts to show competition results using Nivo/bar

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

July 2021 – Present

*Made a single platform for IAS aspirants with previous year questions, daily news and reading material*

- Used Algolia's InstantSearch with Meilisearch to index and search through hundreds of articles quickly
- Implemented a work around to achieve multi-index search, a feature that's not available 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

### Full Stack Intern

May 2021 – Present

*Neera.ai* | ReactJS, Redux, Styled-Components, NodeJS, Meilisearch

- Interned as a Full Stack developer at Neera, a startup aiming to combine all searches into one personalized search
- Developed multiple search integrations using NodeJS and MeiliSearch for services like Pocket, Notion and Drive
- Integrated other Open Sources projects like Supertokens to implement Open-Authentication

## TECHNICAL SKILLS

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

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

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

**Databases:** MySQL, PostgreSQL, MongoDB

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

## 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