Sahil Shubham

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Education

Indian Institute of Technology   **Kharagpur, India**
B.Tech in Metallurgy & Materials Engineering, CGPA – 8.03/10.00   *2019 – 2023*

Open-Source Projects

KGPyaar | *ReactJS, TypeScript, Sass, Flask, MongoDB*   **January 2021 – February 2021**
- Implemented ElGamal ecryption 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
- Used SendGrid to verify college emails and to send link for the next step of registration

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 organized by Dhristee in InterIIT Tech Meet

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

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

Neera.ai   **May 2021 – Present**
Full Stack Intern | ReactJS, Redux, tailwindCSS, Styled-Components, NodeJS, Meilisearch, Supabase
- Interned as a Full Stack developer at Neera, a startup aiming to combine all searches into one personalized search
- Implemented Figma designs and gradually moved the whole codebase from tailwindCSS to styled-components
- 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 and Supabase as Database

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