

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 on the client side to make a dating website for students of IIT Kharagpur
- Made custom React authentication hooks to handle user data, login and the 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 rural 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

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

November 2020 – January 2021

- Organized KWOC, a month long event for students to contribute to Open Source with **2500+** registrations
- Made a platform for students to find and contribute to different projects, while also interacting with their maintainers
- Used GitHub API to show real time contributions of thousands of students and evaluated them at the end of the event

Technology Students' Gymkhana | NextJS, Javascript, Sass

March 2021 - June 2021

- Revamped old student council's website using NextJS to show 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

Experience

Felvin Search

May 2021 – December 2021

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

- Interned as a Full Stack developer at Felvin, a startup aiming to improve search experience by community driven apps
- Developed search integrations to allow users to search through their personal documents for Pocket, Notion and Drive
- Dockerized the codebase and deployed on AWS ECS using GitHub Actions for Continuous Deployment
- Developed custom CLI to improve the developer experience and handle custom Webpack bundling for multiple packages
- Maintained the **open source repository** and helped conduct a hackathon which garnered **18 pull requests in 2 days**

Technical Skills

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

Frontend Libraries/Frameworks: TypeScript, ReactJS, NextJS, Redux, Sass, Styled-Components

Backend Libraries/Frameworks: NodeJS, Flask

Databases: MySQL, PostgreSQL, MongoDB

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

Position of Responsibility

Kharagpur Open Source Society | Executive Head

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 aimed at improving student life such as **ERP Auto-Login, Gyft Serve** and **LTTKGP**

IIT-JEE: Secured an all India rank **in top 3% and 0.7%** for JEE Advanced and Main Examination in 2019