



SAHIL KESHAO LEDE | 20MI33020

Indian Institute of Technology Kharagpur

<https://sahillede.vercel.app>

EDUCATION

Year	Degree/Exam	Institute	CGPA/Percentage
2025	B.Tech + M.Tech, Mining Engineering	Indian Institute of Technology Kharagpur	8.41
2019	Class XII, MHSC	K K High School, Sakoli	8.00
2017	Class X, CBSE	Maharishi Vidya Mandir, Bhandara	10.00

INTERNSHIPS AND PROJECTS

Frontend Development Intern @ ARorVR, Remote

July'22 - Sept'22

- Utilized Figma design tools to create visually appealing and user-friendly landing page, with an emphasis on converting visitors into signups
- Implemented ReactJS and GSAP for creating interactive elements such as mouse scroll-based animations and custom carousels
- Developed a horizontal scrolling component that changes the background color as it enters the viewport
- Adhered to proper organization and naming conventions to ensure the maintainability of the codebase

Opensoft Project 2022

May'22 - July'22

- Built Frontend applications using React and Material UI for a Food Ordering application for both the Users and Restaurants. The application was designed to provide a seamless ordering experience for customers and an efficient management system for restaurants
- Created a Scalable app using Microservice Architecture, which allows for easy maintenance and update of different services independently and results in a more fault-tolerant system
- Engineered a REST API using Django Rest Framework, and wrote unit tests for each endpoint to ensure the reliability of the backend. This allowed for easy integration with the frontend and provided a secure and consistent communication between the two
- Designed a Dashboard using React to visualize the up and down status of each microservice, and send alerts to users in case of any issues. This allowed for real-time monitoring of the system's performance and quick identification and resolution of any issues

Web-A-Thon

July'22 - Sept'22

- Developed a web application that allows users to post competitions and specify the number of team members required
- Built the application with a microservices architecture, integrating the frontend and backend with API's for seamless communication
- Implemented functionality for users to send requests to join teams for posted competitions
- Implemented a feature for managing membership requests, allowing the competition organizer to approve or deny requests to join

Personal Portfolio Website

Nov'21 - present

- Developed and designed a personal website, utilizing modern CSS and functional, reusable components in ReactJS
- Implemented an API (JSON server) to dynamically fetch and display project and skill details on the website
- Incorporated user preference-based color theme, with options for dark mode and light mode. Built in functionality for automatic closing of the mobile menu when scrolling or clicking outside of the menu
- Utilized best practices for responsive design, accessibility, and performance optimization

SKILLS AND EXPERTISE

- Programming Languages:** HTML | CSS | Javascript | SASS | C/C++
- Frameworks and Libraries:** React.js | Next.js | MongoDB | GSAP | Tailwind CSS | Material UI | Bootstrap | Figma

COURSEWORK INFORMATION

- Academic Courses :** Programming and Data Structures (T/L), Advanced Calculus (T), Probability and Statistics (T), Basic Electronics
- Online Courses :** ReactJS Tutorial (Coding Addict), Algozenith AZ201 (DSA & CP), Backend Development with express

POSITIONS OF RESPONSIBILITY

Web Team Head in Departmental Society | Technology Mining Engineering Society

Aug'22 - present

- Involvement in the development of the GREATSTEP (Fest of TMES) website, working in conjunction with seniors and juniors
- Incharge of front-end development for the website and integration of frontend to backend.
- Educating Freshers and sophomores on the necessary topics for creating a website.

Vice Caption | Opensoft 2023

Aug'22 - present

- Involvement in the development of the RK Hall website, working in collaboration with seniors and juniors.
- Experience in teaching and educating freshmen on various technologies such as ReactJS, Gsap, Figma and others.
- Experience in working in a team environment, leading a team of 10 juniors in various projects using Github for collaboration.

AWARDS AND ACHIEVEMENTS

- Secured All India Rank of 2078 in Google Kickstart 2022 Round H
- Achieved rating of 1618 and 5-star status at codechef

EXTRA CURRICULAR ACTIVITIES

- Member of the OpenSoft team of Radhakrishnan Hall of Residence for the Inter Hall General Championship.
- Member of Weight lifting Team of Radhakrishnan Hall of Residence