

Sougata Das

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[Portfolio](#) [LinkedIn](#) [Github](#) [Codechef](#) [Codeforces](#) [Leetcode](#)

EXPERIENCE

Upstox

Software Developer Engineer Intern

Bangalore
Jan 2023 - Current

- **Onboarding User Platform:** Building a smooth and stable platform to onboard and manage the lifecycle of lead to user conversion.
- **RealTime Feature:** Developed real time bank scrutiny and real time bank details verification feature which enables users onboards to our platform without any manual verification steps. It reduces the cost of manpower (Sales team). Managed to increase lead **conversion rate by 30%**

Techstack: Spring boot, Postgresql, MongoDB

HackerRank

Software Developer Engineer Intern

Remote
April 2022 - Dec 2022

- **HackerRank Platform:** Worked on improving user experience, developed apis for users to connect learning platforms and integrate them in hackerrank work **which gives us 30% more traffic**.
- **HackerResume:** Implemented new features, improved response speed in apis, added new pages for better user experience. **Overall increased 45 % traffic in hackerresume** website and also worked on integrating application tracker with HackerResume. Also, created a scalable backend service which can handle millions of users.

Techstack: React Js, Ruby on Rails, Node Js, MongoDB, Postgresql

EPNS (Ethereum Push Notification Service)

Full Stack Developer Intern

Remote
October 2021 - March 2022

- **Web3 Decentralized App:** Worked on web3 notification system to **connect users over polygon network**. Conducted workload assessments and devised new operational processes that led to a 40% increase in productivity.
- **Frontend Improvement:** Contributed on improving their website design and connecting the frontend to web3 network. Also worked on epns browser extension and epns mobile app.

Techstack: React Js, Web3 js, Firebase, MongoDB

Google Summer of Code - ScoreLab

Student Developer (Full-time)

May 2021 - Sep 2021

- **Codelabz Platform:** Developed CodeLabz platform which connects learner and contributor together. Designed and created codelabz pages in figma and built it in react. **Also got a 90+ lighthouse score and it's 100% fully responsive.**
- **Features:** Added features like user and organization profile following system, user feed updating, **real time collaboration platform** and many more which results in more users coming to our platform.

Techstack: React Js, Firebase

SKILLS

- **Languages:** C++, Python, Ruby, JavaScript, Typescript, Sql, Bash
- **Frameworks:** React.Js, Node.JS, Ruby on Rails, Express, Django, Flask
- **Database:** MongoDB, PostgreSQL, MySQL, SQLite,Firestore
- **Course curriculum:** Data Structure and Algorithm, Computer Network, DBMS, Operating System

PROJECTS

- **ThreeAres - Co2 Emission Estimator:** Calculate the carbon footprint for different HMA and PCC pavement sections and develop recommendations on how the established footprints can be used for the development of green construction standards
Techstack: React.js, Flask
- **Bharat Oxygen:** Built a website where you find oxygen supplies near your location and contact them. Also, if you are a supplier you can provide your details on the website. Users can volunteer and register themselves to help others.
Techstack: Reactjs, Firebase, Material UI
Github: [Bharat Oxygen](#)
- **Online Code Editor (July, 2021):** An online platform where you can write your own code, run it against custom input and get results. currently support c++ and python.
Techstack: Reactjs, Nodejs, Express, mongodb
Github: [Online Code Editor](#)

HONORS AND AWARDS

- **Google Summer of Code (GSOC)'21** @Scorelab.
- ICPC'21 Regionalist (VIRTUAL)
- Smart India Hackathon (SIH)'22 Finalist (ONSITE)

EDUCATION

- **RCC Institute of Information Technology**
Bachelor of Technology - Computer Science and Engineering; GPA: 9.58

Kolkata, West Bengal, India
July 2019 - June 2023