Samriddha Chattopadhyay

MERN Stack Developer and Competitive programmer

MERN Stack Developer || Competitive Programmer || UI/UX Designer || IITian with a knack for coding and designing.

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EDUCATION

B. Tech
Indian Institute of Technology Dharwad

11/2020 - Present

Courses

- Major in Electrical Engineering

WORK EXPERIENCE

Full Stack Web Developer
Daphnis Labs

11/2021 - 05/2022   *Delhi, India*

Daphnis Labs is a software development company, especially working on IT development services. They develop software in various domains.

Completed 6 months internship

- Implemented **billing functionality** using **Next.js** frontend and **Express.js** backend for authentication based on billing plans
- Implemented **customer IP tracking and screen action tracking** using **rrweb** and **IP tracking APIs** for getting customer analytics for a better **understanding of in-demand pages**, hence, helping in **better marketing**.

Full Stack Web Developer
Youniv

09/2021 - 10/2021   *Mumbai, Maharashtra, India*

Youniv is a social media platform that helps you to build a network of peers, professionally as well as personally.

Completed an one month Internship

- Implemented **passwordless authentication** using automatically generated tokens with **Next.js** and **jwt**, to provide a **secure way for the clients to authenticate themselves**.
- Integrated **Firebase** backend APIs with **Next.js** frontend to make the app **production ready**.
- Worked on **refactoring** the **Next.js codebase** to make the code **clean and scalable.**

ORGANIZATIONS

OSS (10/2021 - Present)
Core Team Member

Coding Club, IIT Dharwad (04/2022 - Present)
Club Secretary

SKILLS

Competitive Programming   Web Development

Node JS   React JS   Express JS   Mongo DB

React Native   Electron JS

PERSONAL PROJECTS

Coders Garage (07/2021 - 08/2021) ↗

- A web app that gives you a **platform for solving competitive programming questions** and also an **interview platform**.
- Worked on **React** frontend, **Express** backend with **MongoDB** as the database. Also implemented **Redux** and **Typescript** to make the code **clean, simpe and scalable**.

Video Chat (06/2021 - 06/2021) ↗

- Implemented a **one-to-one video call** using **React.js, Express.js, and Socket.io**.
- By **replacing URLs** with **randomly generated tokens** using **Socket.io**, it became more difficult for others to join while two people were already present, hence, improving privacy.

CERTIFICATIONS

Google Cloud Facilitator Certification (04/2022 - Present)

Ranked among the top 4k participants in Google Hashcode 2022 among 20k participants (03/2022 - Present)

MTA Certification (06/2021 - Present)

LEADERSHIP

Coding Club Secretary, IIT Dharwad (05/2022 - Present)

Google Cloud Facilitator 2022 (03/2022 - Present)

Institute Student Mentor at IIT Dharwad (11/2022 - Present)
Mentoring a group of 8 freshers at our Insitute

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

Japaneese
Elementary Proficiency