

Samriddha Chattopadhyay

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EDUCATION

- Indian Institute of Technology, Dharwad** Dharwad, India
Bachelor of Technology - Electrical Engineering; GPA: 8.4 *November 2020 - April 2024*
Courses: Number Theory, Computer Programming

WORK EXPERIENCE

- React Native Developer at Shram** Remote
Frontend Developer (Part-time) *June 2022 - Present*
 - Developed the task cycle and the task algorithms to track user behavior and predict working patterns
 - Developed the onboarding guide which lets new users set up their account and personalize their experience using the app
 - Worked as the Frontend team lead and lead a team of talented people to make the app bug free and appealing to the user.
- Full Stack Developer at Daphnis Labs** Remote
Full Stack Developer (Internship) *November 2021 - May 2022*
 - Implemented billing functionality for authentication based on billing plans which helped monetize the product better.
 - Implemented customer IP tracking and screen action tracking and IP tracking APIs for getting customer analytics for a better understanding of in-demand pages, hence, helping in better marketing.
- Full Stack Developer at Youniv** Remote
Full Stack Developer (Internship) *September 2021 - October 2022*
 - Implemented passwordless authentication using automatically generated tokens, to provide a secure way for the clients to authenticate themselves.
 - Integrated backend APIs to make the app production ready and also worked on refactoring the codebase to make the code clean and scalable.

PROJECTS

- Coders Garage** React.js, Express.js, MongoDB, Redux, Typescript, Socket.io
 - Developed a web app in MVC architecture that provides a platform for solving programming questions which is being used by 2000 people in real-time.
 - Integrated real-time socket connections and built an interview platform that helped the users to conduct mock interviews for free.
- Video Chat** React.js, Express.js, Socket.io
 - Implemented a one-to-one video call which helped people to connect with others wirelessly.
 - Improved Privacy by replacing URLs with randomly generated tokens which made it more difficult for others to join while two people were already present.
- Shram** React Native
 - Developed Algorithms that let users manage their tasks efficiently
 - Built the setup guide which let users authenticate themselves in a secure way and made them accustomed to the app, hence increasing userbase
 - Developed Transition algorithms which lets users self assess themselves and prepare themselves during month end, for the next month.

SKILLS SUMMARY

- Languages** C, C++, Java, Python, Typescript
- Frameworks** Node.js, React.js, Express.js, MongoDB, React Native, Electron.js, JQuery
- Tools** Kubernetes, Docker, GIT, PostgreSQL
- Platforms** Linux, Web, Windows, Arduino, Raspberry
- Soft Skills** Leadership, Event Management, Writing, Public Speaking

AWARDS AND ACHIEVEMENTS

- Pupil at Codeforces - max Rating 1200
- Ranked among the top 4k in Google Hash Code involving over 12k participants
- Certified Google Cloud Developer - Google Cloud Facilitator, IIT Dharwad, 2022