

Samriddha Chattopadhyay

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EDUCATION

- Indian Institute of Technology, Dharwad** Dharwad, India
Bachelor of Technology - Electrical Engineering; GPA: 8.2 November 2020 - April 2024
Courses: Number Theory, Computer Programming, Pattern Recognition and Machine Learning, Artificial Intelligence

WORK EXPERIENCE

- React Native Developer at Shram** Remote
Frontend Developer (Part-time) June 2022 - Present
 - Worked as the Frontend team lead and lead a team of talented people to make the app appealing to the user and implementing new features to the same.
 - Developed the onboarding guide which lets new users set up their account and personalize their experience using the app
 - Developed the task cycle and the task algorithms to track user behavior and predict working patterns.
 - Developed the Notification System for better user experience and better user retention.
- 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

- Grow Simplee Project for Inter IIT Tech Meet 11.0** React.js, React Native, Node.js, Fast API, ML, IoT
 - Implemented login with a phone number and a password, using jwt.
 - Implemented Routing and clustering algorithms that minimise the distance travelled by the delivery boy and also reduces the time taken by each of them at the backend.
 - Built a dimension device for precise measurements and error free deliveries.
- 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.
- Shram** React Native
 - An app that helps startups organise work and collaborate among their teams. (Currently in internal testing)
 - 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.
 - Built the Notification System which let users receive and interact with the notifications for any in app action, hence, making a better user experience and better user retention.

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, ACHIEVEMENTS AND LEADERSHIP

- Bronze in Grow Simplee's Route Planning for Optimized On Time Delivery problem statement at Inter IIT Tech Meet 11.0
- Pupil at Codeforces - max Rating 1200
- Ranked among the top 4k in Google Hash Code involving over 12k participants
- Event Management Team Lead, PARSEC, IIT Dharwad - 2022
- Coding Club Secretary, IIT Dharwad - 2022
- Certified Google Cloud Developer and Google Cloud Facilitator, IIT Dharwad - 2022