Samriddha Chattopadhyay

Portfolio: samy-exe.netlify.app
Github: github.com/Samyc2002

Linkedin: samriddha-chattopadhyay-b13555200
Email: 200020040@iitdh.ac.in
Mobile: +91-9674950307

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*

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

- **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
  - 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 recieve 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

- Pupil at Codeforces - max Rating 1200
- Ranked among the top 4k in Google Hash Code involving over 12k participants
- Certified Google Cloud Developer
- Event Management Team Lead, PARSEC, IIT Dharwad - 2022
- Coding Club Secretary, IIT Dharwad - 2022
- Google Cloud Facilitator, IIT Dharwad - 2022