

Samriddha  
Chattopadhyay  
**Languages:**  
C, C++, Java, Python, Typescript

+91 96749 50307  
[Github Profile](#)  
[200020040@iitdh.ac.in](mailto:200020040@iitdh.ac.in)  
[LinkedIn Profile](#)

## Education

**Indian Institute of Technology, Dharwad**  
B. Tech in Electrical Engineering  
Major CGPA: 8.4  
Relevant Courses: Number Theory, Computer Programming

## Technical Skills

**Web Development:** Node.js, React.js, Express.js, MongoDB  
**Mobile Development:** React Native, Android  
**Desktop App Development:** Electron.js  
**Competitive Programming:** C, C++, Java, Python, Javascript  
**Platforms:** Windows, Linux/Unix  
**Developer Tools:** VS Code, Git, Postman, Figma

## Experience

### Full Stack Web Developer at Daphnis Labs

- 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 at Youniv

- 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** and also worked on **refactoring the Next.js codebase** to make the **code clean and scalable**.

## Projects

### Coders Garage

- 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, simple and scalable**.

### Video Chat

- 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**.