

Samarpan Dutta

✉ samarpan_d@pp.iitr.ac.in

🌐 smrpn.github.io

🐦 twitter.com/_smrpn__

📖 stackoverflow.com/users/11572144/samarpan-dutta

📞 8273583189

in linkedin.com/in/smrpn

🔗 github.com/smrpn

📰 medium.com/@samarpandutta2014

EDUCATION

B.Tech. Polymer Science and Engineering Indian Institute of Technology, Roorkee

08/2019 - Present

India

WORK EXPERIENCE

SDE Intern StormyApp

10/2020 - 01/2021

Remote

stormyapp.com

Achievements/Tasks

- Made the landing of StormyApp website from scratch.
- Used Nextjs to create a dashboard for users to view their build processes and logs.
- Worked on the stormy backend service (NodeJs) wherein I added the functionality of logging data about user's each session into the database.
- Managed the AWS dashboard of all the services(EBS, EC2, CodeBuild).

Full Stack Developer Intern andwemet

02/2021 - 04/2021

Remote

andwemet.com

Achievements/Tasks

- Refactored the match filtering API from scratch improving performance by 8x.
- Integrated SMS API. Also wrote a scheduler to trigger SMSs for certain actions. Included DLT templates after the new law by TRAI.
- Integrated Google and Facebook authentication into the previous OTP login process.
- Setup CI/CD pipeline for automated deployments.
- Worked on notifications API on the backend.

Google Summer of Code Casbin-RS

06/2021 - Present

Remote

<https://summerofcode.withgoogle.com/projects/#6247010300067840>

Achievements/Tasks

- JSON Adapter - [Github repo link](#)

SKILLS

Javascript/Typescript

Rust

C++

Node

MongoDB

Mysql

Postgres

Express

Rocket

Actix

Tonic(gRPC)

Reactjs

Nextjs

Server Side Rendering

AWS

Docker

WebSockets

Benchmarking in Rust

Firebase

NGINX

HAProxy

PM2

PROJECTS

Crypto Estate

- This is a full-stack web application that allows landowners to buy and sell their real-estate properties using crypto-currency. This was the submission for a hackathon. [Github repo link](#) [Video](#)

Casbin-RS

- An authorization library that supports access control models like ACL, RBAC, ABAC in Rust. [Github repo link](#)

JSON-Adapter for Casbin-RS

- Json Adapter is a [json](#) adapter for [Casbin-rs](#). With this library, Casbin can load policy from a json format file or save policy into it with fully asynchronous support. [Github repo link](#)

Covid-19 tracker

- covid19 tracker made using reactjs and chartjs and extracts data from <https://covid19.mathdro.id/api>
- [Link](#), [Code](#)

INTERESTS

Backend Engineering

Distributed Systems

Authorization