Samarpan Dutta

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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 stormyapp.com Remote

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 andwemet.com Remote

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

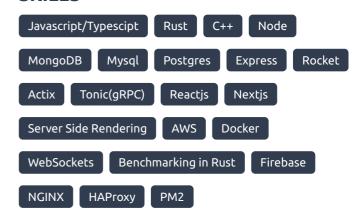
Remote

https://summerofcode.withgoogle.com/projects/#624701030006784 $\, \mathbf{0} \,$

Achievements/Tasks

- JSON Adapter - Github repo link

SKILLS



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. <u>Github repo link Video</u>

Casbin-RS

 An authorization library that supports access control models like ACL, RBAC, ABAC in Rust. <u>Github repo link</u>

JSON-Adapter for Casbin-RS

 Json Adapter is a json adapter for <u>Casbin-rs</u>. With this library, Casbin can load policy from a json format file or save policy into it with fully asynchronous support. <u>Github repo link</u>

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