ARPAN ABHISHEK

CMR Institute of Technology

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https://github.com/arpancodes   Other Links

EXPERIENCE

Open Source Fellow - MLH Fellowship
Contributing to Pysa by Facebook Open Source

📅 Sept 2021 – Dec 2021   📍 Online

- Created protectSQL in the orientation hackathon, which is built on Pysa and tracks the SQL vulnerability in python apps.
- Fixed Pyre type check error in pytorch repo.
- Wrote unit test coverage for sapp repo.
- Worked on front-end for Pysa playground to show the results in more organised way, and filter out the progress info on the back-end.

Web Developer Intern - Invade.ai
SaaS for a crowdsourced pentest platform

📅 May 2021 – Currently   📍 Online

- Developed the landing page, Invade.ai to reach initial clients.
- Developing a SaaS platform for companies to create pentest programs and for hunters to file reports on the program.
- Working with team on design and developing the front-end in Next.js (React JS) according to it.
- Handle the complete end to end project development, from initial software planning to deploying to the GCP.

Web Developer Intern - CoronaSafe Network
Development of Open Source Solutions to tackle the pandemic

📅 May 2021 – Currently   📍 Online

- Worked on the ICU module with a team of 9 people, in Care app, which is build on React. Check PR
- Worked on the Asset Management for the hospitals: added filters for asset list, added QR code and a scanner, added the transaction history for individual asset. Check PR
- Worked on multiple issues, and successfully raised PRs and got it merged. Check List of PRs
- Leading the care project: Create Project board's, monitor issues, review PR and eventually merge PRs

TECHNICAL SKILLS

- ReactJs, Next.js, Node.js, Ruby on Rails, React-Native, Django, Elixir
- **JavaScript**, C, C++, Java, Python

EDUCATION

B.E. (CSE) - 8.0 CGPA
CMR Institute of Technology

📅 2019 – Currently   📍 Bengaluru, Karnataka

Higher Secondary - 80%
Central Board of Secondary Education

📅 2018   📍 Bokaro Steel City, Jharkhand

Secondary - 10 CGPA
Central Board of Secondary Education

📅 2016   📍 Bokaro Steel City, Jharkhand

PROJECTS

Application to monitor the water level scenario across the country

- Worked on **front-end of a Django web app** which predicts the ground water level of a particular place so that it helps farmer save money and ultimately their lives.
- This could help government to analyze the situation of the ground water at that region and help to refill groundwater.
- Plotted the ground water level on maps, using **d3.js**.
- **Using highcharts.js, plotted the graphs of the ARIMA model** comparing the region over a span of 10 years at national, state, district and block level.

Cafeteria Management Application
GitHub:live

- A **full-stack** cafeteria management app, with **user management** and all **CRUD** operations.
- Admin can add new menu, change active menu, see orders, mark orders as "Delivered".
- Customers can add items from the active menu to their cart and place order.
- Built with **Ruby on Rails**. Hosted on **Heroku**.

ACHIEVEMENTS

- Got into the batch 4 of MLH Fellowship in open source track.
- Became Microsoft Beta Student Ambassadors.
- Made it to the top 24 out of 50,452 students for the very first batch of AICTE CoronaSafe Engineering Fellowship. See Results
- Bangalore Chamber of Industry & Commerce AccelATHON-2.0 – Winner
- Completed more than 2 years of technical content creation on Instagram, YouTube and LinkedIn