Name: Radha Maredi

Emp Id: D1524

Joining Date: 01/09/2022

Designation: Trainee Engineer

I joined as Trainee Engineer at Datafoundry on 1st September 2022. For first one month, I have gone through the basics of HTML, CSS, JavaScript, ReactJS. Later I become the part of the DF-Expenses Project have tried to understand the existing codes for the project DF-Expense Management and worked in this project for 2.5 months. During this period I have learnt lot of new things in the frontend technology react and implemented them in the project. Later I joined in DF-mSignal AI project and gone through the code flow and application functionality and I have been writing the unit test cases for DF-mSignal AI. For this I used Jest and react-testing Library frameworks. Initially, I am not aware of these frame works but senior resources helped me to improve these skills. Currently the test coverage of the DF-mSignal AI is 30%.

Learn and Be Curious:

I am the kind of person who is always learning and improving myself. During this period, I have learned many things. Actually, I came here as a backend developer on python but I am flexible to learn new programming languages.

I started my journey in Datafoundry with basics of the html, CSS and JavaScript. Practically implemented by developing sample pages. I also learned basics of the ReactJs and involved in project to Cover Unit Testcases.

Ownership:

If I am unable to understand the client requirements or got stuck at any place our Manager helped me out and supported me in the possible way by keeping faith in me which helped to connect directly with the clients to clear all my doubts which also increased confidence in me. I eventually had virtual meetings with them to understand more about what actual product they are looking for me to develop.

Even though having basic knowledge in frontend languages like html, CSS, and java script, I tried to manage my time for both learning and developing the code to increase the efficiency of the application and also tried to deliver the outcome with the best results.

From a stage of having no project developing knowledge now I am at a place where I gained a lot of knowledge regarding the project development.

Team Collaborations:

During this period of my training, along with my technical skills. I have also improved my communication skills by interacting with Team and gained experience in solving errors by helping each other. I also learned how to share a task with my team and how to collaborate with backend team to complete the task successfully. And also learned how to talk in Scrum calls and interact with whole team and understanding the business requirements to work within given sprint time. I have understood how to follow Agile process.

Behavior and Delivery Results:

During this period of internship, I have learned to do teamwork, by dividing the work within the team, collaborating with the frontend and backend team, exploring different ideas from different team members, came to know how people think in different ways to deliver the result and finding the best one.

In DF- Expense Management:

I have Successfully delivered the following tasks in the DF-Expense Management.

- While taking the user bill amount it is accepting the negative numbers. I resolved it, now it is accepting only positives

- Validation and exception handling was done in the upload bill form.

- Highlight the active navbar items.

- Handled user Interfaces of cco, ao, vo, manager, employee and management according to the requirements in Reports and Dash Board pages.

- If the user has multiple roles, while changing his role the user interface was not handled properly. I changed it to the Dashboard.

- Cleared the all the critical warnings related to frontend technologies in DF-expenses project.

- Implemented the Datafoundry logo inside the loading ring.

- Removed the access of changing the reporting manager in the upload bill form

- Wrote the Unit Testcases for some components

Version of the technologies used:

- React (JavaScript Library) -- Version 17.0.2
- Axios (JavaScript Library) -- Version 0.26.0
- React-bootstrap -- Version 2.2.1
- React-Router-dom --Version 6.2.2
- PostgreSQL

IN DF-mSignal AI:

- Written Unit Test cases in the DF- mSignal AI. The Present Code Coverage is 30%.

Version of the technologies used:

- React (JavaScript Library) -- Version 18
- Axios (JavaScript Library) -- Version 0.26
- react-bootstrap -- Version 2.2
- CSS -- Version 3
- Testing-library/react -- Version 13.4
- Testing-library/jest-dom -- Version 5.16
- PostgreSQL