PRESENTATION

ON

BUILDING A WEATHER APP

Student Details

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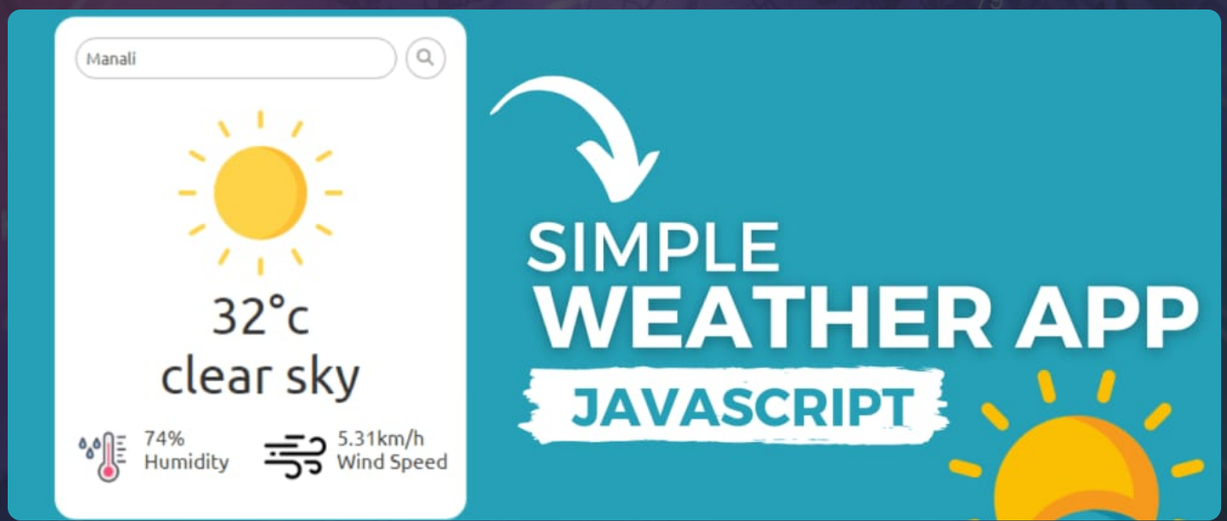
- Internship Domain: FRONT END DEVELOPMENT
- Internship Start And End Date: 14/05/2023 - 11/08/2023[3 months]

Problem Statement/Project Topic

WEATHER APP

- Design a weather condition page following the design and populate data for searched city with using of HTML, CSS, Java Script.



User story;

- User can search city around the world.
- The app can fetch api with the searched city name(… and apikey if it is obligatory).
- User can display weather data of searched city in weather card.

Project Objective

- The intention of developing weather app is to fetch the data in the need of taking information about weather worldwide. Another purpose for developing this software is to generate the report automatically at the end of the session or in the between of the session or in the between of the session as they require.
- Help user to travel. help User to future plans for holidays. Weather forecasts are made by collecting as much data as possible about the current state of the atmosphere (particularly the temperature, humidity and wind) and using understanding of atmospheric processes (through meteorology) to determine how the atmosphere evolves in the future.
- Weather forecasts are made by collecting as much data as possible about the current state of the atmosphere (particularly the temperature, humidity and wind) and using understanding of atmospheric processes (through meteorology) to determine how the atmosphere evolves in the future.
- However, the chaotic nature of the atmosphere and incomplete understanding of the processes mean that forecasts become less accurate as the range of the forecast increases.

Who Are The End Users

- One of the most important tools for that is a mobile weather app. A good weather app helps you decide if you'll need to bring an umbrella to work, or prepare for more serious conditions. With wild weather across the country, particularly hurricanes threatening coastal states, it's a good idea to check the forecast or radar for upcoming conditions.
- **Weather forecast:** This is the primary function of the app and should be able to show the prevailing weather conditions, weekly, daily, hourly or even minute-to-minute. Try to integrate the “real feel” temperature function to make your app even more interactive.
- **Humidity + Visibility:** This feature helps in knowing the accurate humidity and visibility levels before going out or driving down to any place.
- **Rain possibility:** This is a basic and very significant feature that displays the possibility of rain in percentage along with other indicators such as “cloudy”, “partly cloudy”, etc.

Your Solution And Its Value Proposition

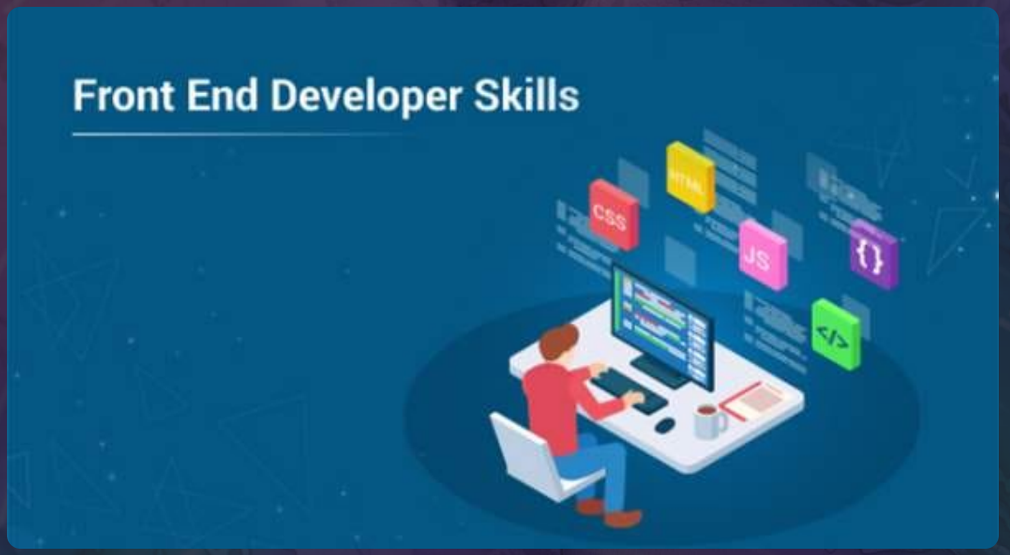
- There was a beautiful idea of building an app that would show the upcoming weather. The developers wrote a nice backend and a frontend following the latest principles and - to be honest - bells and whistles. However, the developers did not remember to add any information about the infrastructure or even setup instructions in the source code.

Via github

- Make a copy of this repository in your own github account (do not fork unless you really want to be public).
- Create a personal repository in github.
- Make changes, commit them, and push them in your own repository.
- Send us the url where to find the code.

Technologies Used

- In this section ,I'll show the modeling techniques, methodologies, or frameworks I applied in my project. I'll explain how I utilized technology principles to develop my solutions.



- HTML
- CSS
- JAVA SCRIPT
- VS CODE
- Security and privacy are always of primary concern these days. Nobody wants to expose the data of their application so it is better to take some measures in order to maintain perfect privacy and secure the information. So, assign some budget for security purposes beforehand.

Results

- So, we conclude: in order to create a weather app and succeed, it's important to think through the logic of the program and develop a strategy of distinguishing from competitors.
- After all, such meteorological services are basic Android & iPhone weather apps, and you should do your best to attract the user.
- So we conclude that we made a useful application for day to day life uses through which people can choose where and when to take their holidays to take advantages of good weather.
- Regions can be evacuated if hurricanes or floods are expected. Farmers can known when to plant or harvest their crops.
- As our aim to is to provide the better weather forecasting than other platform so to take a edge we will not charge and it will be free of cost.
- So here we conclude that we have made a successful application.

Links

- Git hub: **https://github.com/GeraBlessy/WEATHER.IO**