



Weather Tracker

I Have Create a Web in which An User will get the Real and Accurate Data of Weather And Forecast Weather Information will on your finger tips just in 2 sec.

~ Kishan Kumar

Steps to find the weather condition of any city

1

Location

Enter the desired city Name to check the weather Condition

2

Result

You will see the result in the form of graph,current day weather condition and weather forecast .

3

Features

You will get see user friendly and attractive page and will get to see design graph,humidity,wind speed, feel like and many more features.



Integrating the API into My Website

1

Obtain API Credentials

Sign up for an account with the chosen weather API provider and obtain your unique API key.

2

API Documentation

Thoroughly review the API documentation to understand its endpoints, request formats, data structures, and rate limits.

3

Make API Requests

Use your programming language of choice to construct HTTP requests to the API endpoints, passing your API key and required parameters.

4

Process API Responses

Parse the API responses, typically in JSON or XML format, and extract the desired weather data.

5

Display Weather Data

Integrate the retrieved weather data into your application's user interface, presenting it in a user-friendly and visually appealing manner.

Features

Forecasting

Provide users with accurate weather predictions for future hours, days, or even weeks.

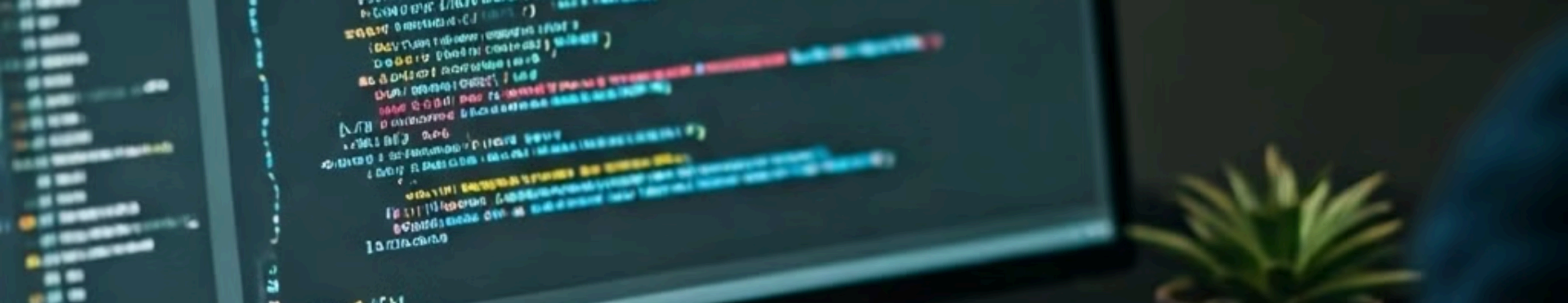
Live & Real Data

Allow users to explore weather conditions, useful for research or personal interest.

Customizable Settings

Enable users to personalize their experience by selecting preferred units, location, and data displayed.





Optimizing Performance and User Experience

1

Caching

Store frequently accessed data locally to reduce API calls and load times.

2

API Rate Limits

Respect API rate limits to prevent performance issues and ensure long-term access.

3

Responsive Design

Ensure optimal display and usability across various devices and screen sizes.

Resources What I have Used to Build a Weather Tracker

I Have Created a weather Tracker With The Help of Html,css and java-script.

1. I have Designed the structure and Styling By own with the help of html and css.
- 2.i have taken little bit help of Public Resources and Chat Gpt to complete my java script code.
3. I have used the Api's of weatherapi.com to get the real and accurate information of weather.