

Weather App – Stockholm

This project is a simple weather app focused on Stockholm, with features that allow users to check the current weather, view a 24-hour forecast, switch between Celsius, Fahrenheit, and Kelvin, and toggle dark mode. The app also includes an option to add favorite cities.

Resources and Assistance

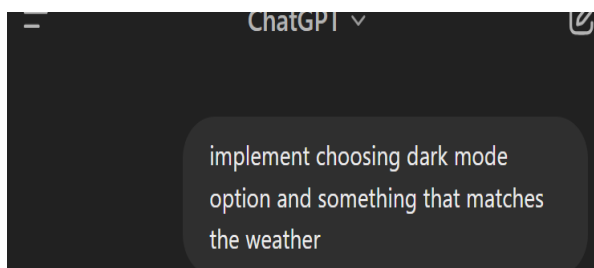
I used some websites and online resources to help with building this app, including:

CodingNepal Web: For structuring the basic layout and functionality of the weather app. <https://www.codingnepalweb.com/build-weather-app-html-css-javascript/>

StackOverflow: To understand how to pass parameters with the onchange event. <https://stackoverflow.com/questions/5024056/how-to-pass-parameters-on-onchange-of-html-select>

WeatherStack Blog: For guidance on fetching weather data. <https://blog.weatherstack.com/blog/building-a-simple-javascript-weather-app-using-weatherstack/>

ChatGPT: Helped me implement certain parts of the code, like dark mode and switching temperature units. I have included comments in the code where this assistance was used.



```
// Apply saved dark mode preference
function applySavedDarkMode() {
  const savedDarkMode = localStorage.getItem('darkMode');
  if (savedDarkMode === 'enabled') {
    body.classList.add('dark-mode');
    document.getElementById('darkModeToggle').checked = true;
  }
}

// Change theme based on current weather condition
function changeThemeBasedOnWeather(weather) {
  if (weather === 'Clear') {
    body.style.backgroundColor = '#87CEEB';
  } else if (weather === 'Clouds') {
    body.style.backgroundColor = '#B0C4DE';
  }
}
```

```
<!-- Dark Mode Toggle -->
<label class="switch">
  <input type="checkbox" id="darkModeToggle" />
  <span class="slider round"></span>
</label>
<span>Dark Mode</span>

<div id="weather-info">
```

Why It Should Score Well

I believe the app meets the key requirements: it's responsive, has a clear structure, allows searching for cities, supports favorites, shows the current weather and a 24-hour forecast, and has dark mode and unit-switching options. Plus, there's a bit of creativity with the coffee messages.

I think this app should get at least 34 points based on the provided criteria since it works as intended and includes all the necessary features.