

Weather App - Project Documentation

A Web Development Project by Parwat Neupane

Project Overview

This is a simple weather web app built using HTML, CSS, and JavaScript. It fetches real-time weather data from the Visual Crossing Weather API. The app displays current temperature and condition for any city entered by the user.

Duration

This project took me 4 working days to complete. I worked hard to understand how JavaScript works and how to integrate APIs into web projects.

Features

- Search weather by city name
- Shows temperature (in F) and weather condition
- Fully responsive and mobile-friendly
- Modern UI with gradient background
- Footer with social links and credit

File Structure

weather-app/

- index.html
- style.css
- script.js

API Used

The app uses the Visual Crossing Weather API:

https://weather.visualcrossing.com/VisualCrossingWebServices/rest/services/timeline/{CITY}?unitGroup=us&key=YOUR_API_KEY&contentType=json

How It Works

1. User enters a city and clicks the button.

2. JavaScript fetches weather data from the API.
3. The app displays temperature and condition.
4. If city is not found, it shows an alert.

Tools and Technologies

- HTML5
- CSS3
- JavaScript (ES6)
- Visual Crossing Weather API

Learning Resources

To build this project, I followed tutorials from these YouTube channels:

- CodeWithHarry
- JavaScript Mastery
- Online Tutorials
- GreatStack

Author

Crafted with love by Parwat Neupane

Website: parwatneupane.com.np

Instagram: [instagram.com/parwattt____](https://www.instagram.com/parwattt____)

LinkedIn: [linkedin.com/in/parwat-neupane-b26391243](https://www.linkedin.com/in/parwat-neupane-b26391243)