



NASA Space Weather App

*Real-time Earth Weather Meets
Space Exploration*

Team Galactic Coders

Introduction

Developed a weather application with space-themed enhancements.

Combines real-time weather, 3-day forecast, and NASA Astronomy Picture of the Day (APOD).

Purpose: Promote scientific literacy and inspire interest in space and environmental awareness.

Challenge

People lack easy access to both current weather data and space science insights.

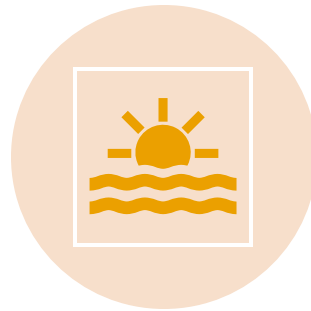
Weather is usually disconnected from cosmic awareness.

Challenge: Make environmental data engaging and educational.

Features



AUTOMATIC CITY DETECTION VIA IP.



CURRENT WEATHER:
TEMPERATURE, HUMIDITY, WIND,
PRESSURE, SUNRISE/SUNSET.



3-DAY FORECAST WITH ICONS.



NASA APOD IMAGE & TITLE FOR
SPACE CONNECTION.

Coimbatore | Clouds | 27°C

Min: 27°C | Max: 27°C

Pressure: 1010 hPa | Humidity: 66%

Wind: 0.18 m/s

Sunrise: 06:40 PM | Sunset: 06:40 AM



2025-10-04
Clouds
27°C/27°C



2025-10-05
Clouds
31°C/31°C



2025-10-06
Clouds
31°C/31°C

Workflow

How It Addresses the Challenge

- Integrates Earth weather and space knowledge.
- Encourages curiosity and awareness of our planet in a cosmic context.
- Engaging visual interface makes learning fun and accessible.

Conclusion

- A unique educational tool connecting weather and space.
- Inspires users to observe and learn about Earth and space.
- Call to action: Explore the app and discover your daily weather through the lens of space.