Meteoweather

Kodluyoruz Şanlıurfa Front End
Web Development Bootcamp
Final Project

Erol Mahmutoğlu
Frontend Developer

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Overview
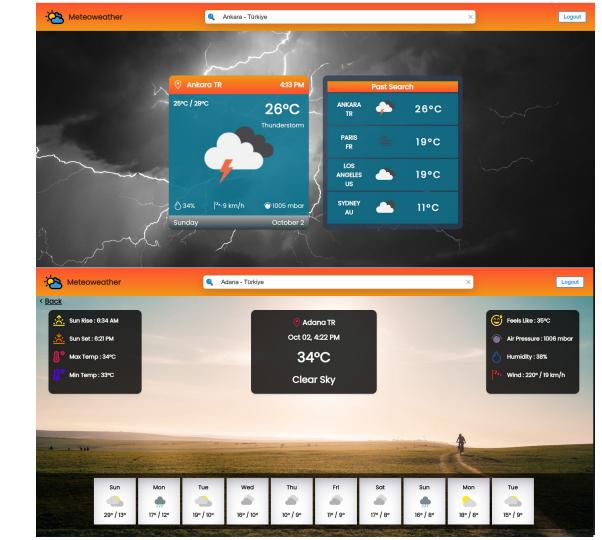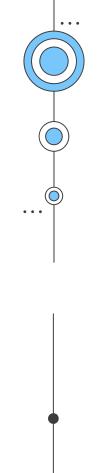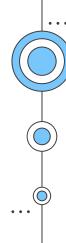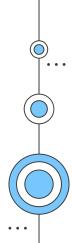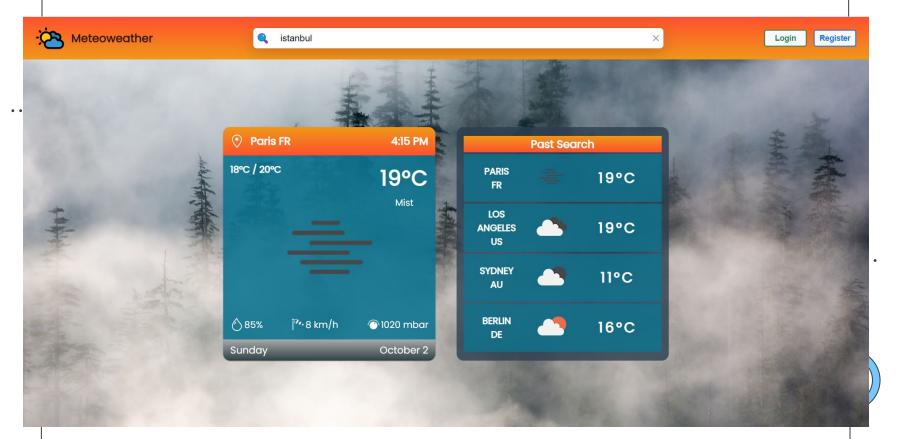
Overview

Live Version: https://meteoweather.vercel.app/

GitHub Link: https://github.com/erol1098/meteoweather

Home Page

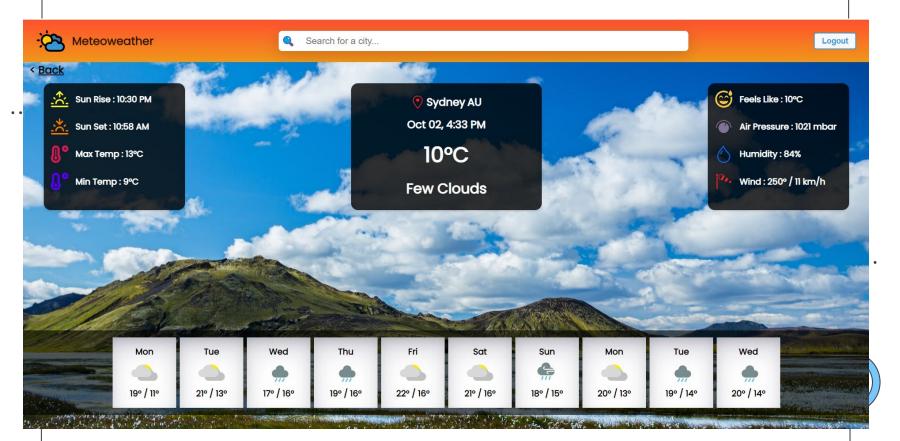istanbul

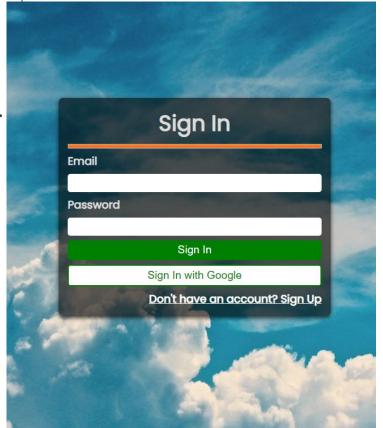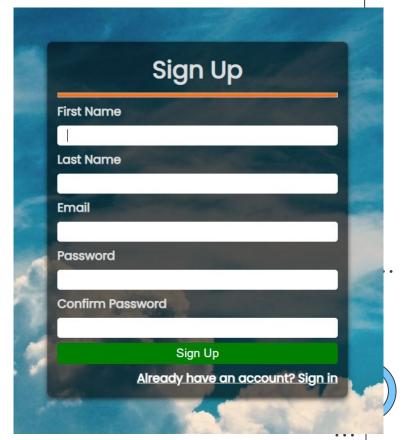Login   Register

Paris FR
4:15 PM

18°C / 20°C

19°C

Mist

💧 85%   🌬 8 km/h   ⏱ 1020 mbar

Sunday   October 2

Past Search

PARIS FR		19°C
LOS ANGELES US		19°C
SYDNEY AU		11°C
BERLIN DE		16°C

Detail Page

Search for a city...

Logout

< Back

Sun Rise : 10:30 PM
Sun Set : 10:58 AM
Max Temp : 13ºC
Min Temp : 9ºC

Sydney AU
Oct 02, 4:33 PM
10ºC
Few Clouds

Feels Like : 10ºC
Air Pressure : 1021 mbar
Humidity : 84%
Wind : 250º / 11 km/h

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
19º / 11º	21º / 13º	17º / 16º	19º / 16º	22º / 16º	21º / 16º	18º / 15º	20º / 13º	19º / 14º	20º / 14º

Authentication Pages

Sign In

Email

Password

Sign In

Sign In with Google

Don't have an account? Sign Up

Sign Up

First Name

Last Name

Email

Password

Confirm Password

Sign Up

Already have an account? Sign in

02

Used Technologies

Used Technologies

React

A Javascript library for building UI

…

Styled Components

Lets you write actual CSS in your JavaScript

…

Firebase

Authentication

…

Used Technologies

Axios
Promise based HTTP client for the browser and node.js

…

React Router DOM
Declarative routing for React web applications

…

React Icons
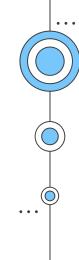Include popular icons in your React projects easily

…

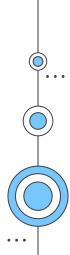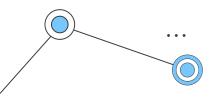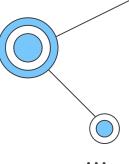## Context API
State Management

03

More Details

Fundamentals

01 Authentication

Firebase
Authentication

02 Autocomplete Cities
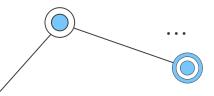
@geoapify/react-geocoder-autocomplete

03 Weather API

OpenWeatherMap API (*for daily weather*)
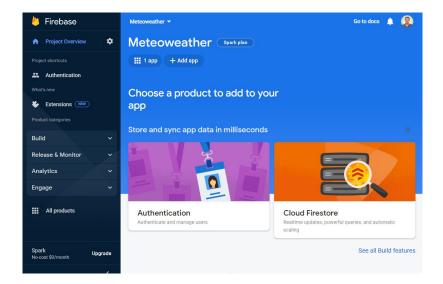**Weatherbit API** (*for 10-day weather*)

04 Other Features
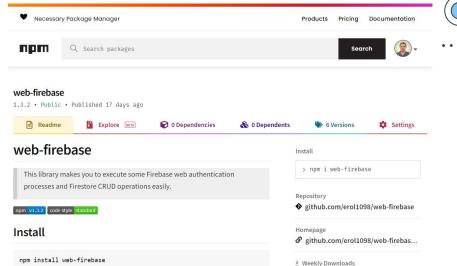
Local Storage, HOC,
Custom Hook, etc.
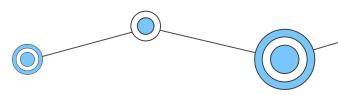
Authentication

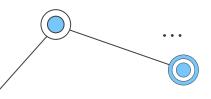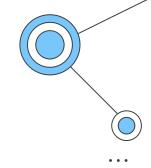https://www.npmjs.com/package/web-firebase
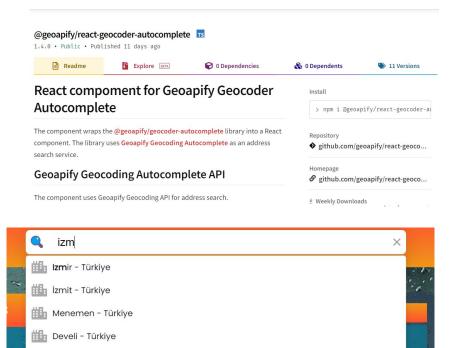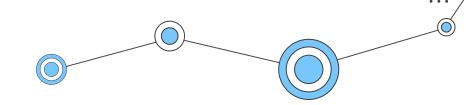
Autocomplete Cities

How it Works?

- User enters at least 3 letters,

- The closest 5 results return,

- User selects desired result,

- Result is edited with API-desired parameters (city name / country)

Weather API

OpenWeatherMap

Current Weather Data

https://api.openweathermap.org/
data/2.5/weather?
q={city name},{country code}
&units=metric
&appid={API key}
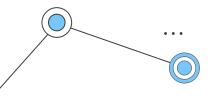
Weatherbit

Forecast API (16-Day)
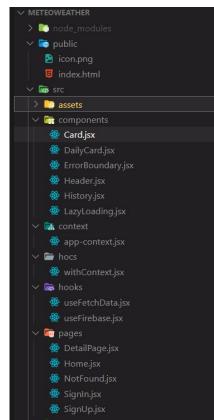
https://api.weatherbit.io/v2.0/
forecast/daily?
city={city name},{country code}
&key={API key}

Other Features

```
METEOWEATHER
  > node_modules
  v public
      icon.png
      index.html
  v src
    > assets
    v components
        Card.jsx
        DailyCard.jsx
        ErrorBoundary.jsx
        Header.jsx
        History.jsx
        LazyLoading.jsx
    v context
        app-context.jsx
    v hocs
        withContext.jsx
    v hooks
        useFetchData.jsx
        useFirebase.jsx
    v pages
        DetailPage.jsx
        Home.jsx
        NotFound.jsx
        SignIn.jsx
        SignUp.jsx
```
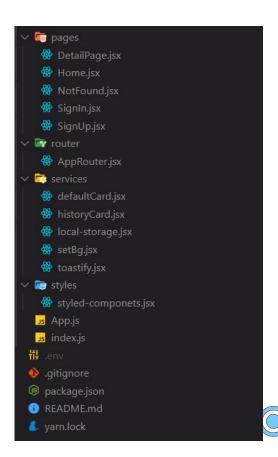
```
  v pages
      DetailPage.jsx
      Home.jsx
      NotFound.jsx
      SignIn.jsx
      SignUp.jsx
  v router
      AppRouter.jsx
  v services
      defaultCard.jsx
      historyCard.jsx
      local-storage.jsx
      setBg.jsx
      toastify.jsx
  v styles
      styled-componets.jsx
    App.js
    index.js
    .env
    .gitignore
    package.json
    README.md
    yarn.lock
```

- Theme
- Error Boundaries
- Lazy Loading
- Higher Order Component
- Custom Hook
- Local Storage

Thanks!

Do you have any questions?

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https://github.com/erol1098