DEVELOPER JOURNAL: **Vue-weather-app**
Date: Saturday 14 January 2023



- Showcase the final result of the project.
- Explain how you approach web development projects
  *This is an API test app. Its purpose is to show VUE essential possibilities and my skills in framework.*
- Display your way of working.
  - *Study documentation and data from API request: [https://openweathermap.org/current](https://openweathermap.org/current)*
  - *Installation app dependencies*
  - *Installation of VUE boilerplate*
  - *Create main elements in App.vue*
  - *Create object with methods and functions*
  - *Add styling with CSS*
  - *Test and make application final polish.*

This way, a potential client has a better idea of how you work, and the unique value you bring to a future project!

As we mentioned in the portfolio skills section previously, include details of every aspect of each web development project:

Programming languages – JavaScript, HTML5, CSS,
Frameworks & libraries – VUE Node.js, Bootstrap,
Technologies – Netlify, GitHub,
Programs & tools – VS Code,
Website builders –

Step 1. Providing data for API call: api_key and url_base
Step 2. Main functionality comes from JSON data received with API
call. This is made by the "fetchWeather" method.
Step 3. Data implementation

```html
        <div class="weather-box">
            <div class="temp">{{Math.round(weather.main.temp)}} °C</div>
            <div class="weather">{{ weather.weather[0].main }}</div>
            <div class="humidity">Humidity: {{weather.main.humidity}} %</div>
            <div class="wind">Wind speed: {{weather.wind.speed}} meter/sec</div>
        </div>
      </div>
    </main>
  </div>
</template>

<script>


export default {
  name: 'App',
  data() {
      return {
        api_key: '91d3def5bf5b9c78fb78208e7dc39db0',
        url_base: 'https://api.openweathermap.org/data/2.5/',
        query: '',
        weather: {}
      }
  },
  methods: {
    fetchWeather(e) {
      if(e.key=='Enter') {
        // To make an API call
        fetch(`${this.url_base}weather?q=${this.query}&units=metric&APPID=${this.api_key}`)
        .then(res=> {
          return res.json();
        }).then(this.setResults);
      }
    },
```