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Short recap day #2

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Day #2

Day 1 – Overview of the frontend landscape – HTML, CSS, JavaScript

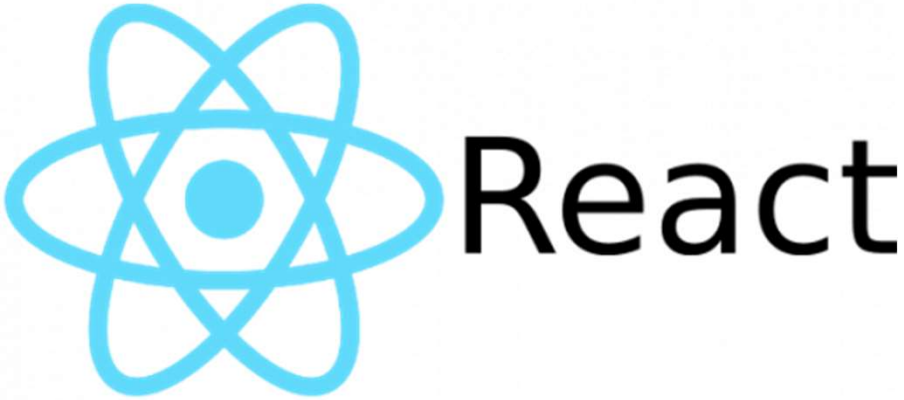
Dag 2 – Introduction Vue

Dag 3 – More Vue, Vuetify, Communication with API’s

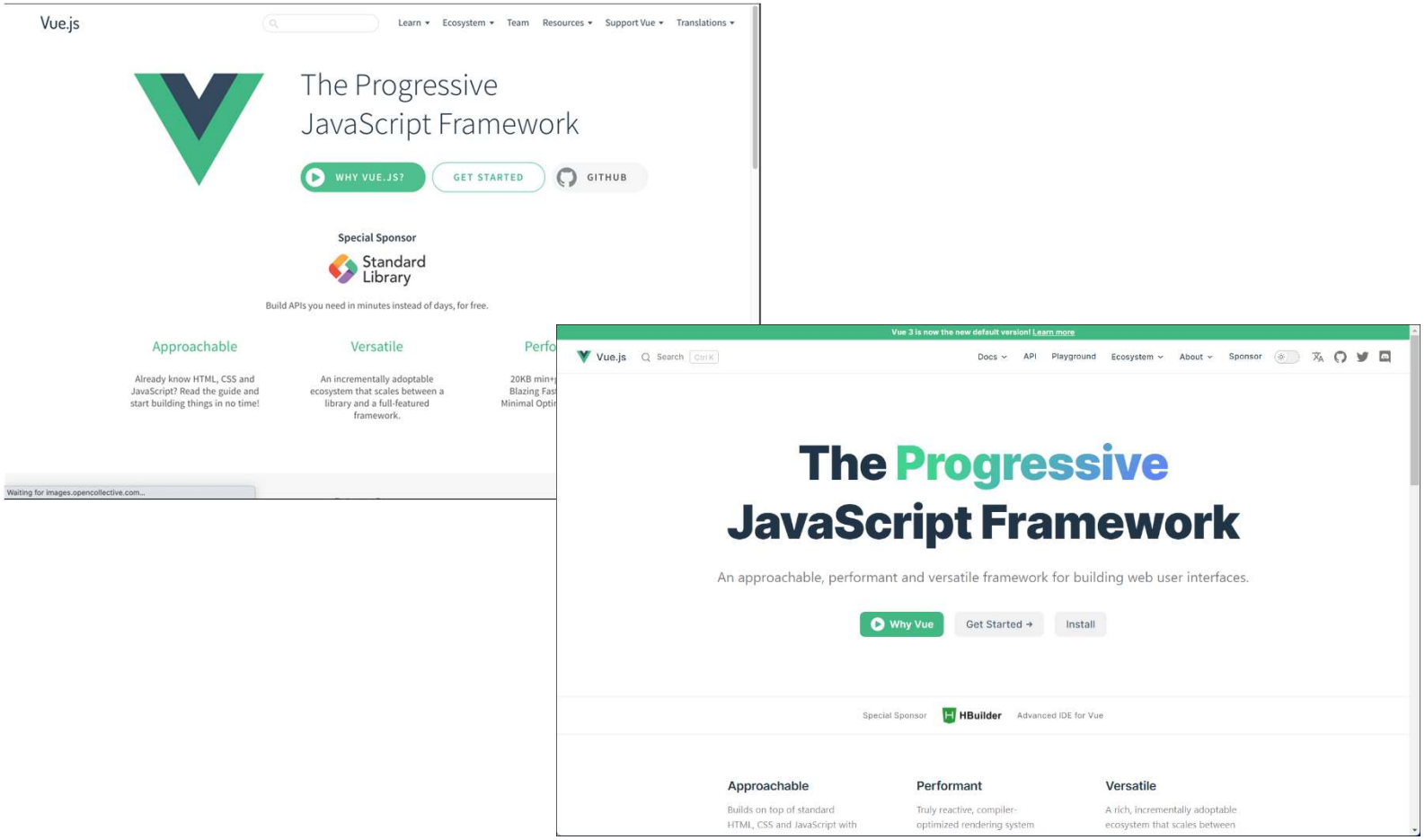
Day #2 – Introduction Vue

- Introduction – short recap, overview of the front-end landscape
- Vue tooling – installation, cli, devtools
- The structure and architecture of Vue apps.
  - Hello World
- Zooming in:
  - Components, data binding, attribute binding, event binding, image binding

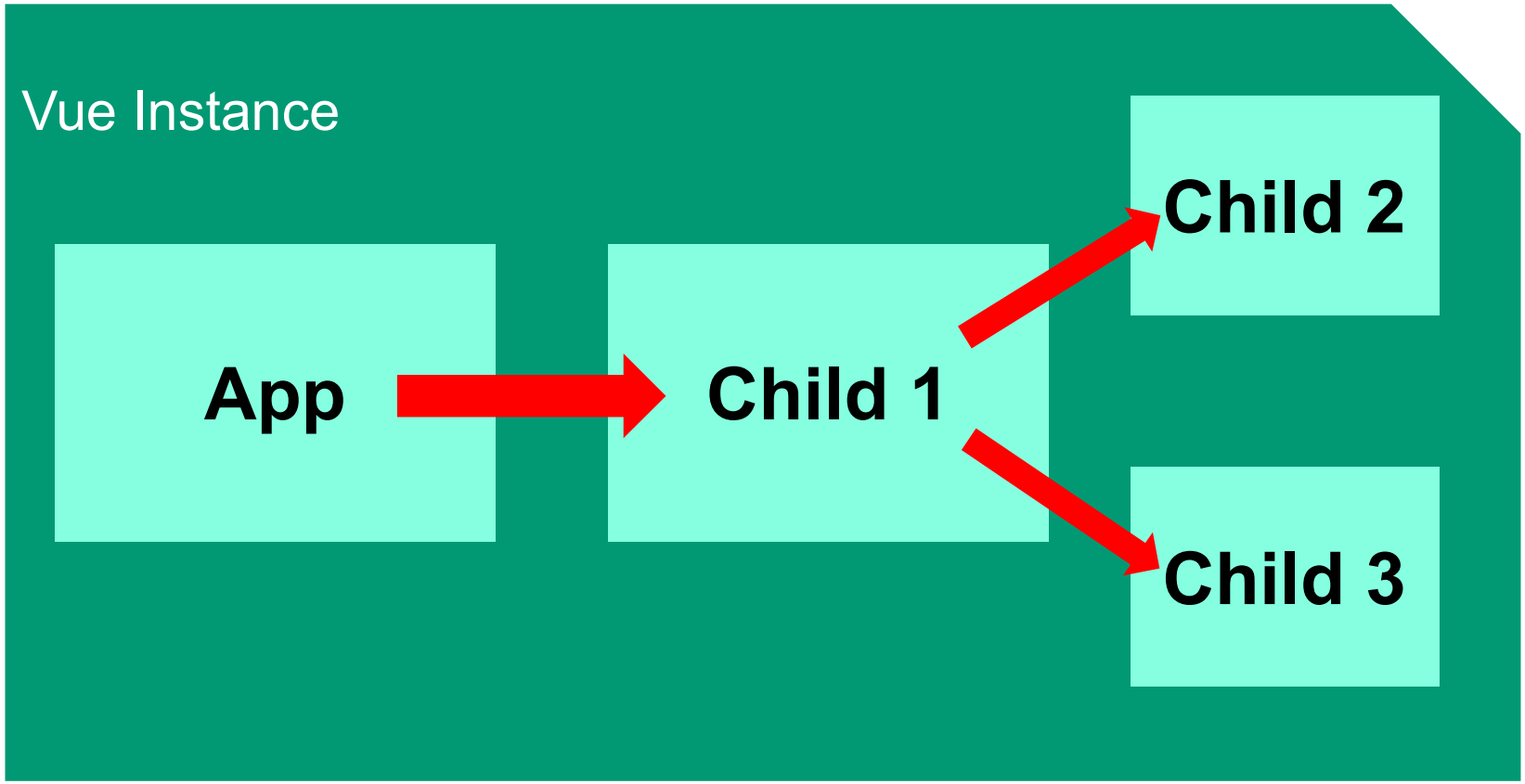
Front-end Frameworks



Vue 2.x and Vue 3.x



The Vue instance – tree structure of components



App.vue

```
<template>
  <div id="app">
    <img alt="Vue logo" src="./assets/logo.png">
    <HelloWorld msg="Welcome to Your Vue.js App" name="Peter"/>
  </div>
</template>
```

Template

```
<script>
import HelloWorld from './components/HelloWorld.vue'

export default {
  name: 'app',
  components: {
    HelloWorld
  }
}
</script>
```

Script

```
<style>
#app {
  font-family: 'Avenir', Helvetica, Arial, sans-serif;
   …
}
</style>
```

Style

Data binding

- Four ways of data binding:
  - Simple Data binding Expressions: `{{ … }}`
  - Attribute binding with `v-bind:`
  - Event binding with `v-on:`
  - Two-way binding with `v-model`

Questions?

Today's focus

Day 1 – Overview of the frontend landscape – HTML, CSS, JavaScript

Dag 2 – Introduction Vue

Dag 3 – More Vue, Vuetify, Communication with API's

Agenda today

- Using `v-model`
- Using style bindings
- Using Http for external communication
- TypeScript
- Vuetify
- …

If possible, wrap up a bit early

Wrap up

What have we learned?

Have we achieved our Goals?

*You're **not** a Frontend wizard in 3 days (sorry)*

but….

Goals of the training

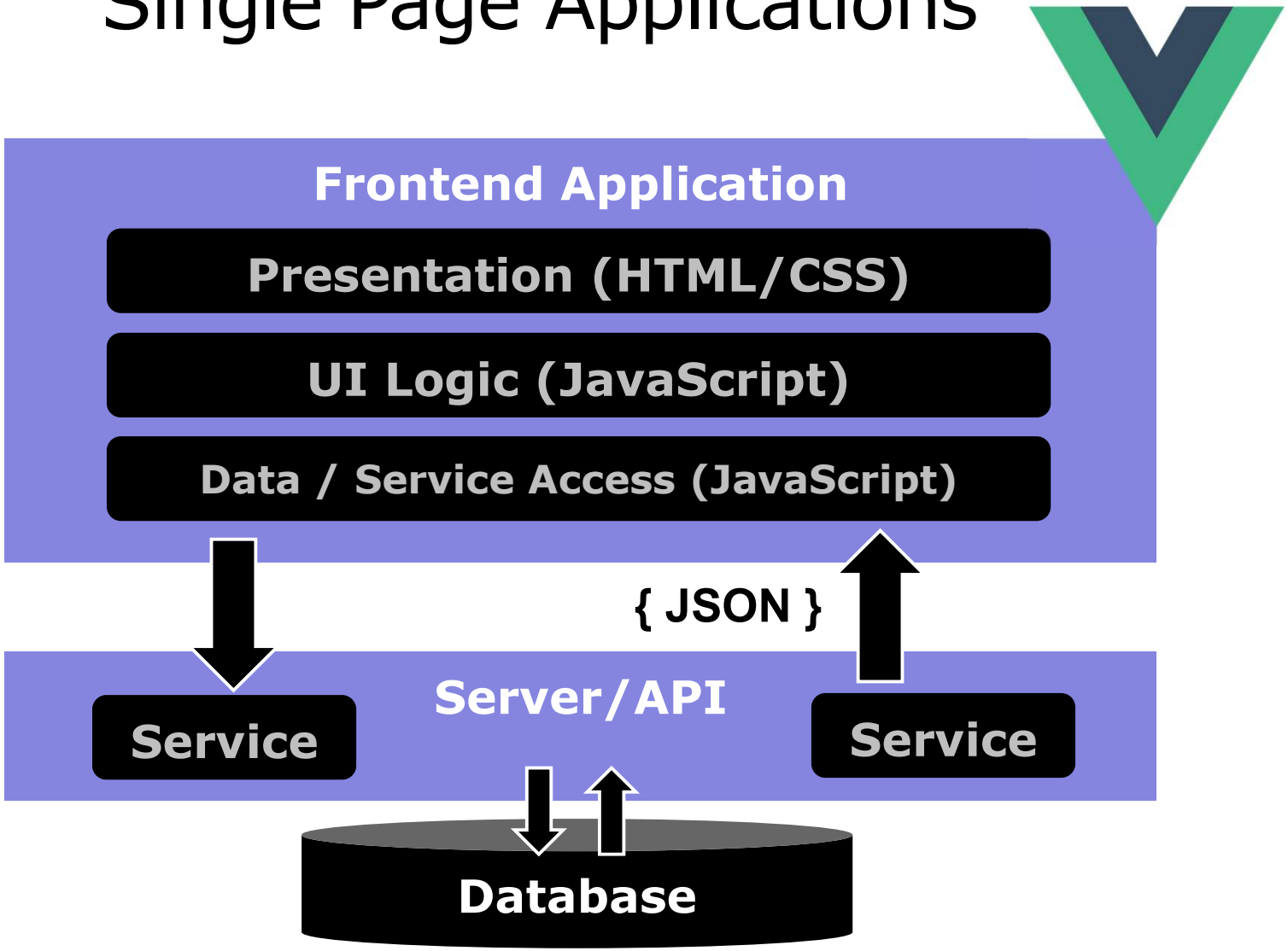
1. You'll learn about the basic frontend technologies HTML, CSS and JavaScript and how to build websites/app with them

2. You are familiar with Vue as a frontend framework that integrates all these technologies

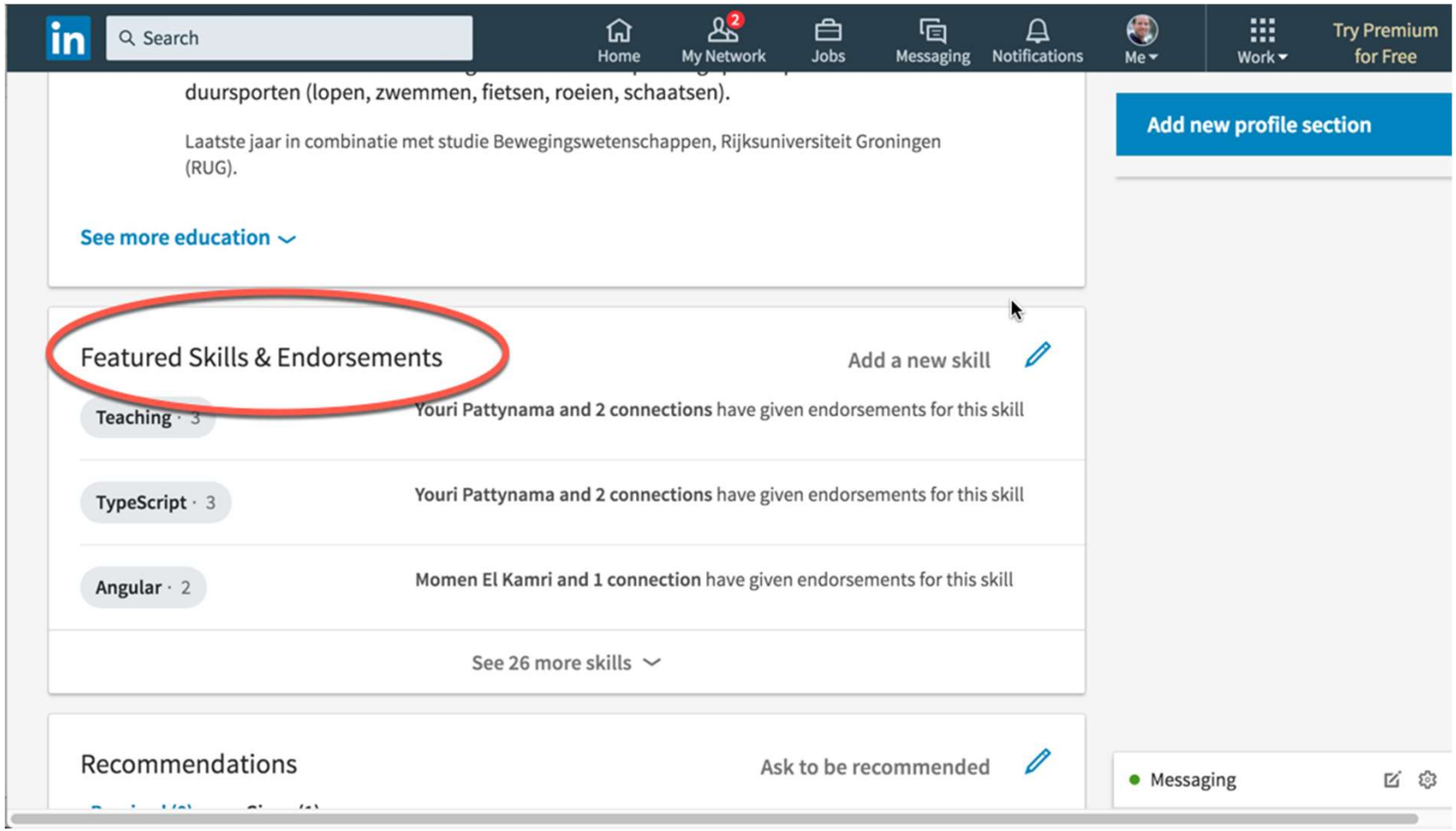
3. You know how to use a third party library (Vuetify) to design and lay-out your Vue-apps

4. You are familiar with the way Vue apps communicate with the outside world to work with (external) data

Single Page Applications



If you liked it, endorse



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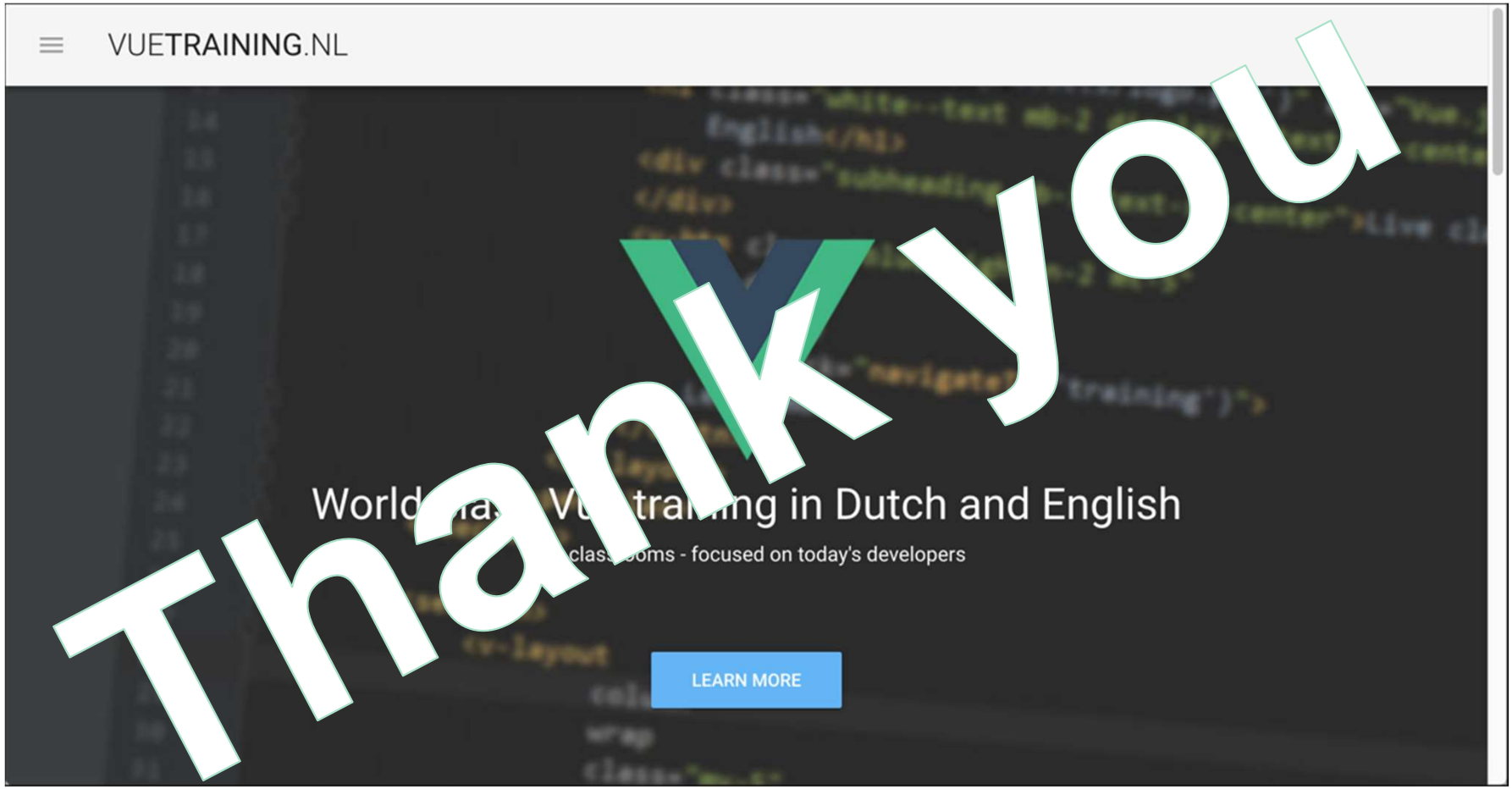

www.vuetraining.nl/