



IK WIL

Short recap day #2

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Day #2

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

Dag 2 – Introduction Vue

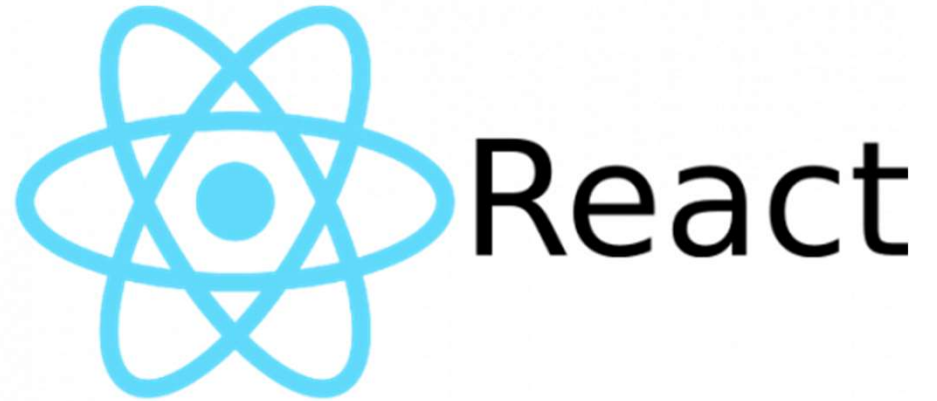
Dag 3 – More Vue, Vuetify,
Communication with API's

Day #2 – Introduction Vue

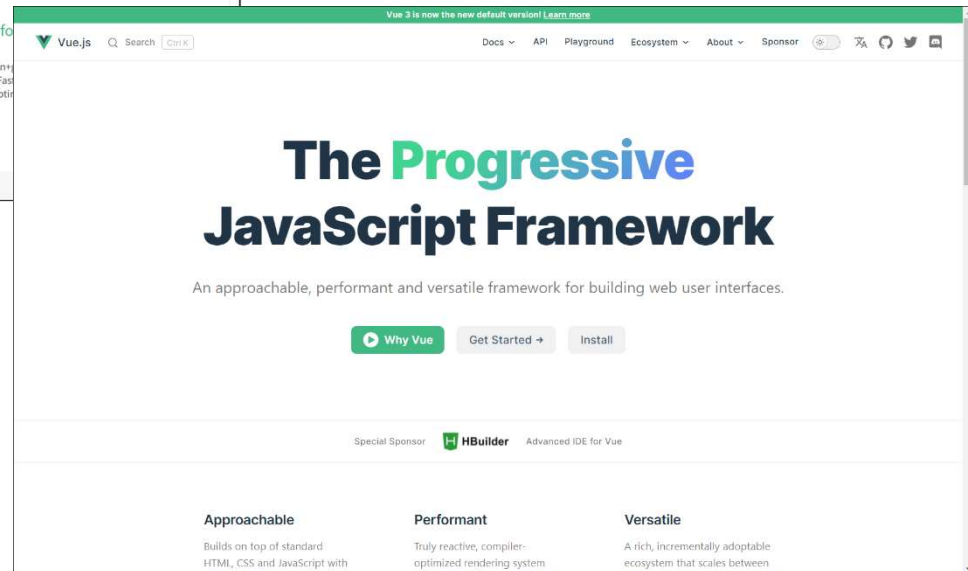
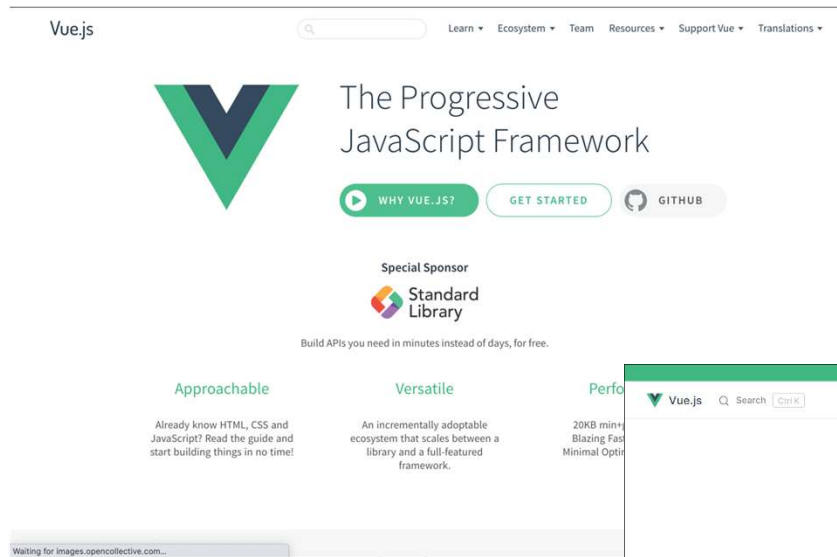


- **Introduction** – short recap, overview of the front-end landscape
- Vue **tooling** – installation, cli, devtools
- The **structure and architecture** of Vue apps.
 - Hello World
- Zooming in:
 - Components, data binding, attribute binding, event binding, image binding

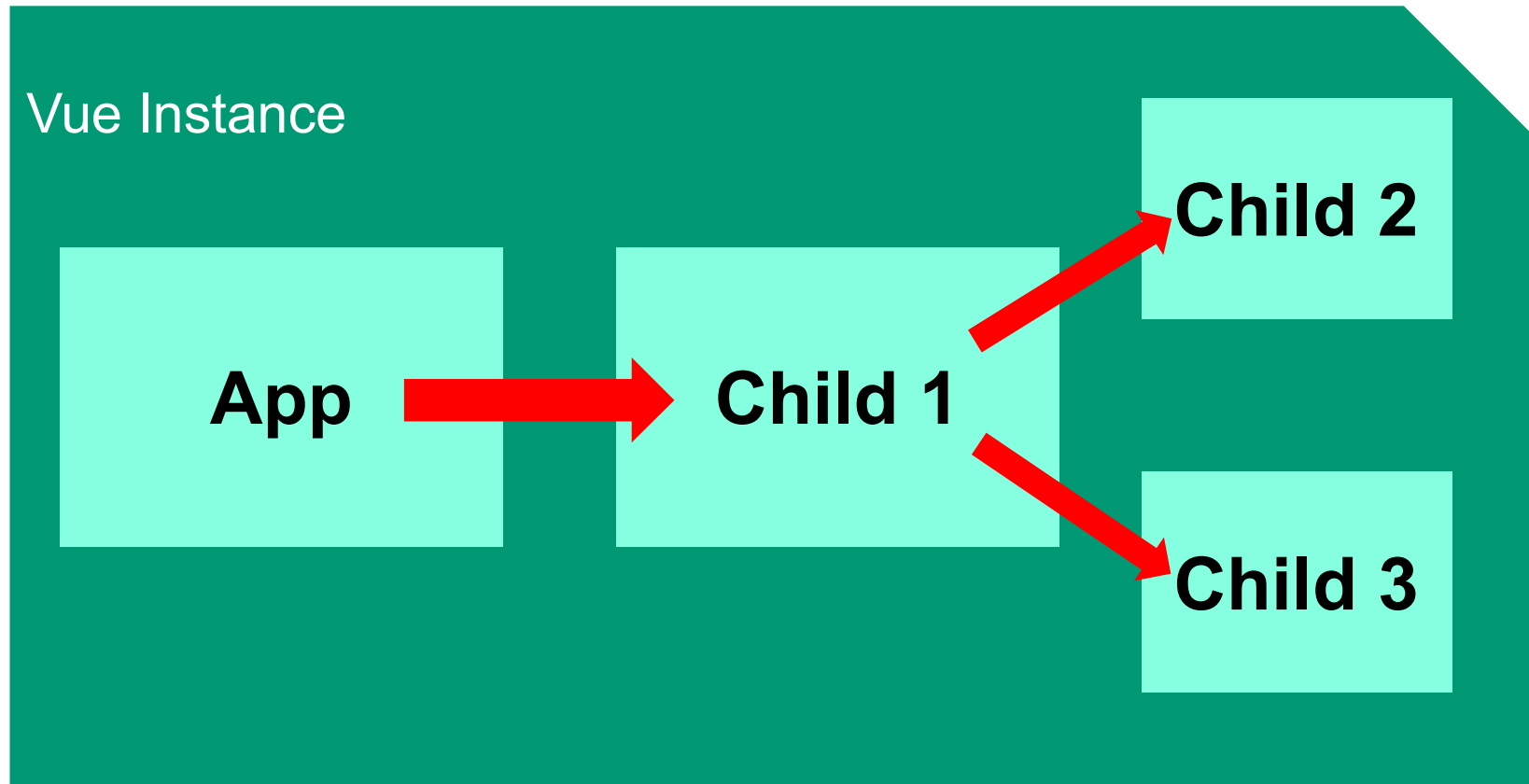
Front-end Frameworks



Vue 2.x and Vue 3.x



The Vue instance – tree structure of components



App.vue

```
<template>
  <div id="app">
    
    <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?

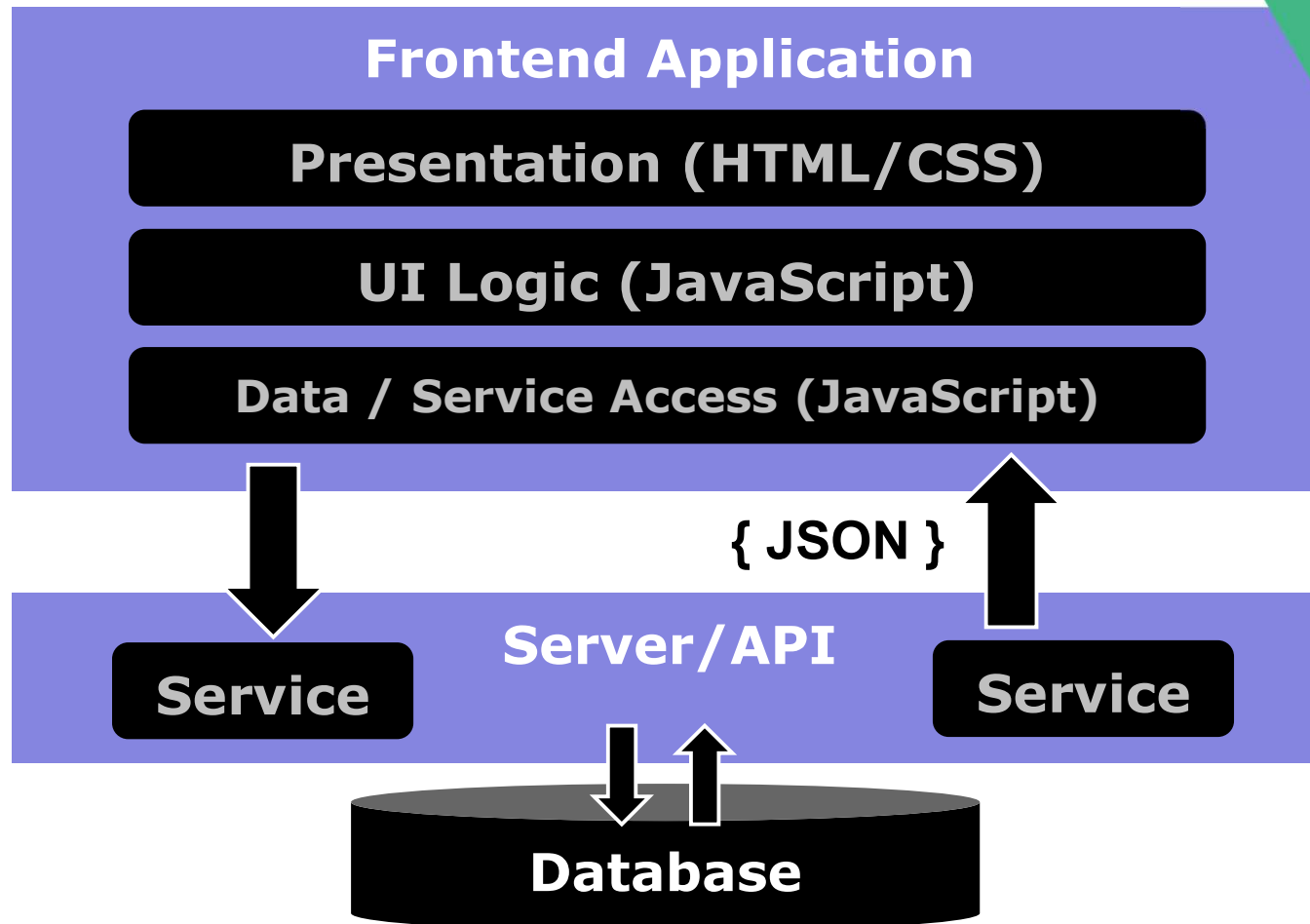
*You're **not** a **Frontend wizard** in 3
days (sorry)*

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

The screenshot shows a LinkedIn profile page. At the top is a dark navigation bar with the LinkedIn logo, a search bar, and icons for Home, My Network (with a red notification badge), Jobs, Messaging, Notifications, Me, Work, and Try Premium for Free. Below the navigation bar, the profile section includes a header with the text 'duursporten (lopen, zwemmen, fietsen, roeien, schaatsen). Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).', a 'See more education' link, and a blue 'Add new profile section' button. The 'Featured Skills & Endorsements' section is highlighted with a red oval. It lists three skills: 'Teaching' (3 endorsements from 'Youri Pattynama and 2 connections'), 'TypeScript' (3 endorsements from 'Youri Pattynama and 2 connections'), and 'Angular' (2 endorsements from 'Momen El Kamri and 1 connection'). Below these is a 'See 26 more skills' link. At the bottom of the profile section is the 'Recommendations' section with an 'Ask to be recommended' link. On the right side of the profile, there is a 'Messaging' button with a green dot and a settings icon.

duursporten (lopen, zwemmen, fietsen, roeien, schaatsen).
Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).
[See more education](#) ▾

Featured Skills & Endorsements [Add a new skill](#) ✎

Teaching · 3 Youri Pattynama and 2 connections have given endorsements for this skill

TypeScript · 3 Youri Pattynama and 2 connections have given endorsements for this skill

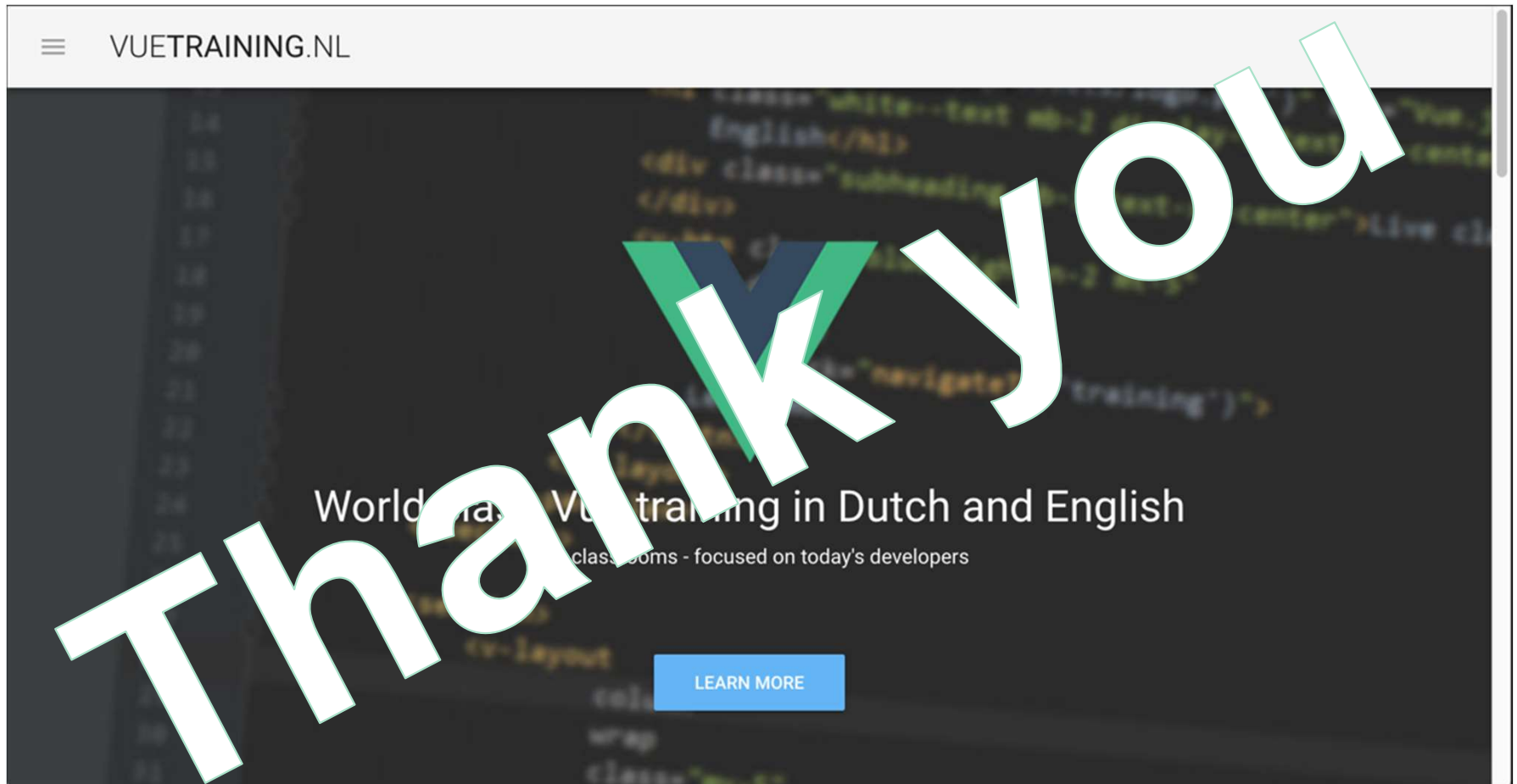
Angular · 2 Momen El Kamri and 1 connection have given endorsements for this skill

[See 26 more skills](#) ▾

Recommendations [Ask to be recommended](#) ✎

● Messaging ⓧ ⚙

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