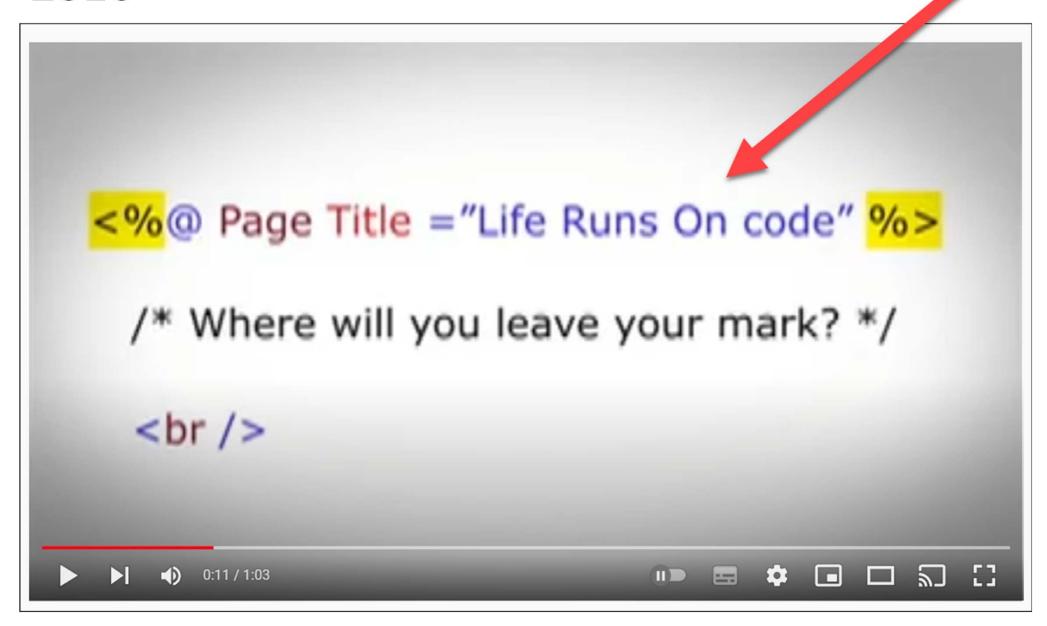


Short recap day #1 "Inspiratiesessie" Application Development



2022

Banking

Insurance

Government

Entertainment

On-the-go navigation

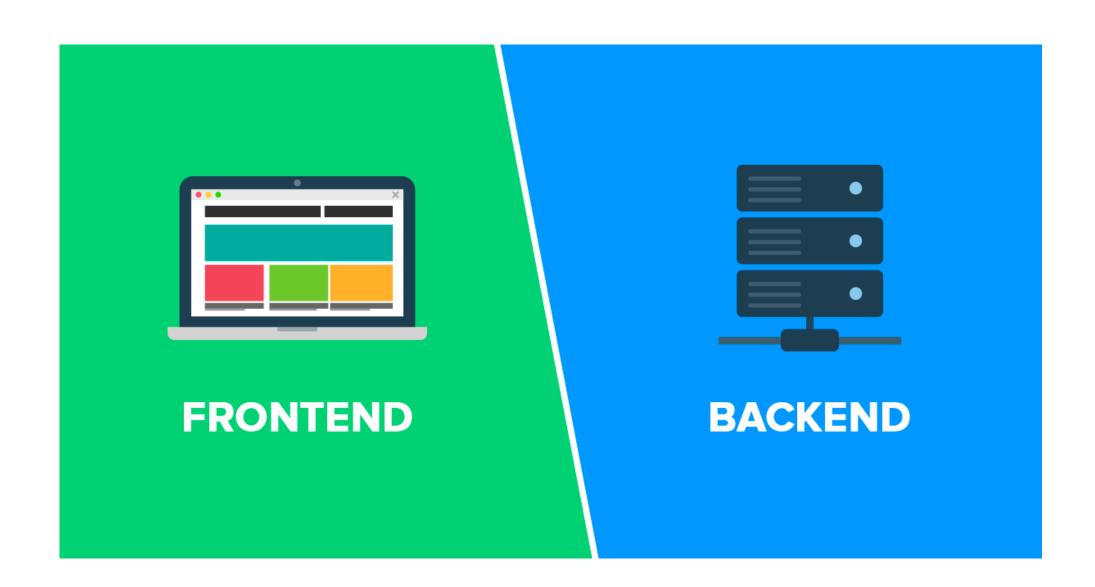
Outdoor activities

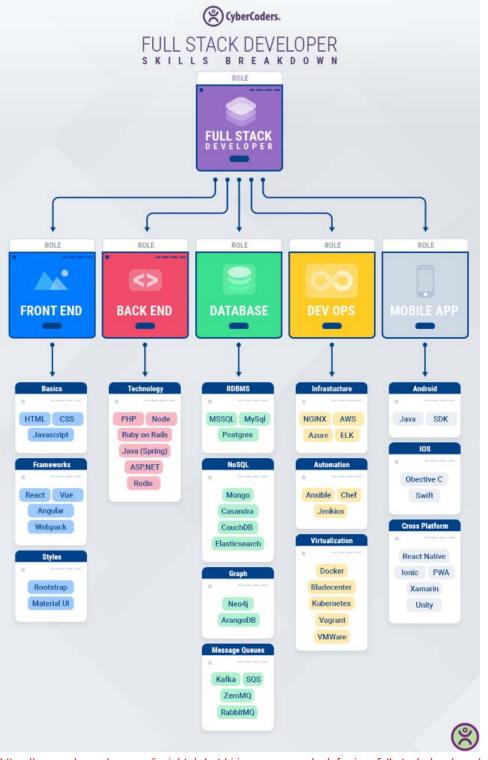
Social media

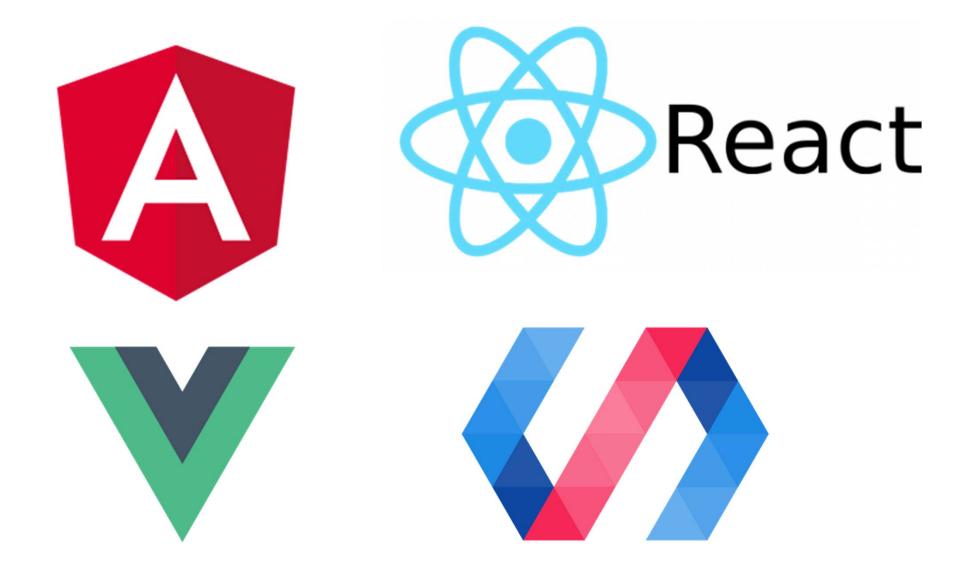
And so on, and so on...







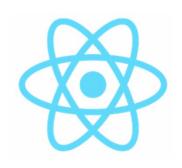




Similarities







- 1. Single Page Applications
- 2. Components
- 3. Data binding, props, events
- 4. Routing
- 5. State management
- 6. Testing
- 7. Huge ecosystem
- 8. Huge community
- 9. High adaptation rate

Differences (apart from syntax)

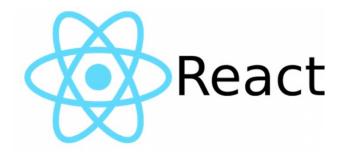




Point of departure: HTML template, enhanced with

framework specific tags and attributes

Aim: *one-stop-shop* / solution



Point of departure: JavaScript (JSX)

Build-all-yourself, possible elective stress

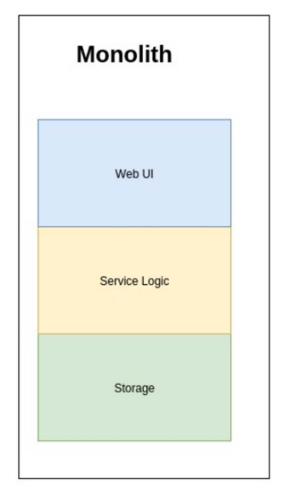


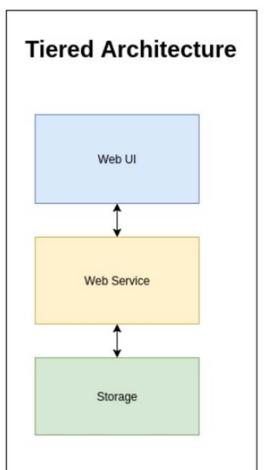
Point of departure: no framework

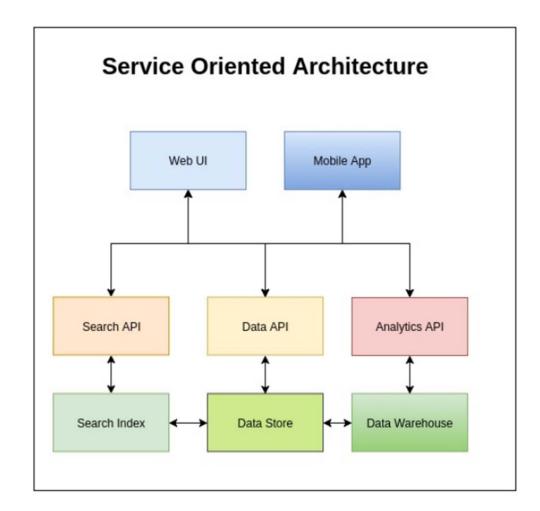
in the browser

Compile all code to plain JavaScript

Evolution towards a Service Oriented Architecture







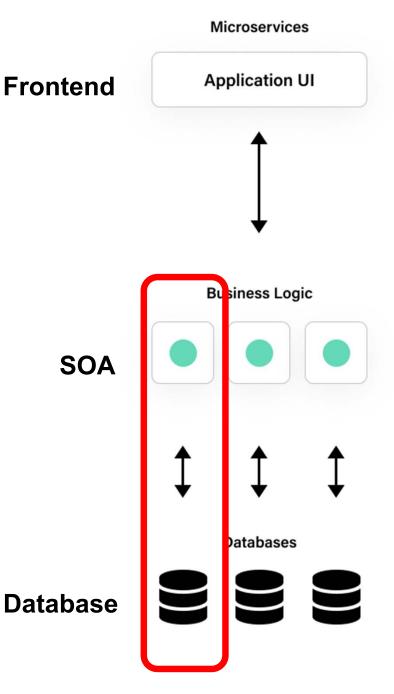
Example - Node.js small server + API

```
// server.js
// 1. Import and create express() application
const express = require('express');
const app = express();

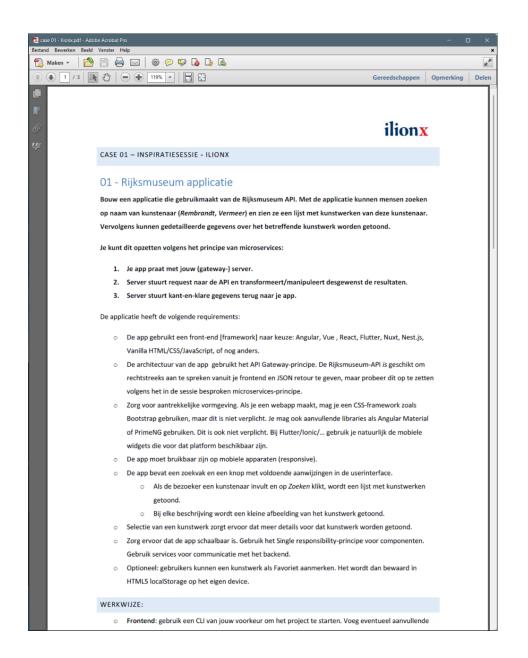
// 2. Import routes and pass in the created app to bind the
// routes to the app.
const routes = require('./api-routes/routes');
routes(app);

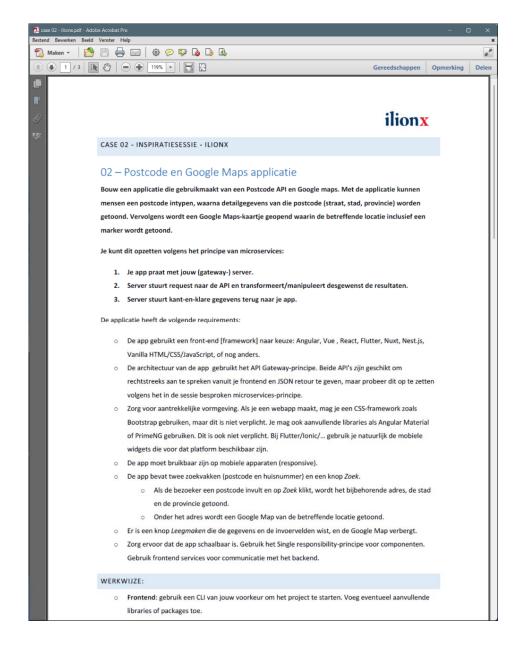
// 3. Create a port to listen to
const port = process.env.PORT || 3000;

// 4. Start the server on the given port
app.listen(port, () => {
    console.log(`Listening on port http://localhost:${port}`);
});
```



Cases (2x)





Questions?

Today

- Presentation and discussion of cases
- Comparison of frontend frameworks, 2nd half
- Continuous Integration / Continuous Deployment
- Example + workshop CI / CD
- Q & A, closing

Agenda

28 Feb. 2022 - Monday

~18:00 start

~ 19:30 short coffee break

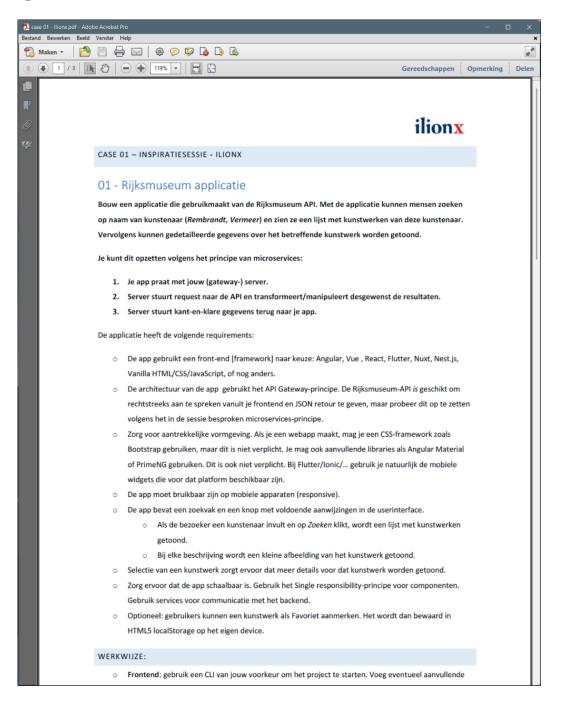
~ 21:00-21:15 Closing



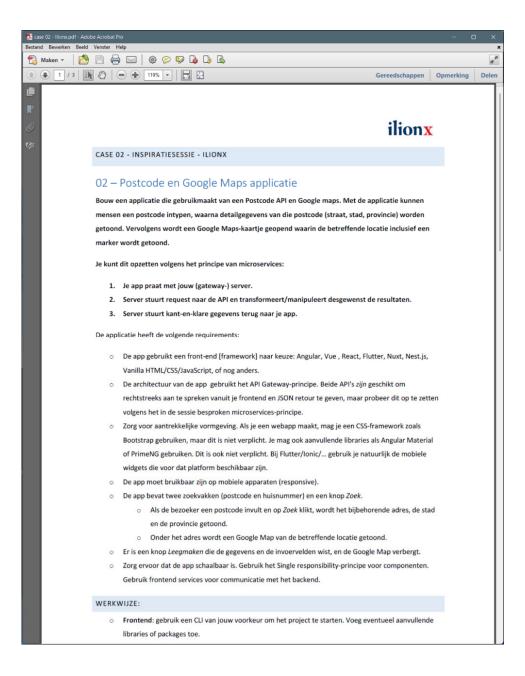
Discussion of cases

Volunteers?

Case – Rijksmuseum app



Case 2 – Postcode & Google Maps



Cont'd

Comparison of Frontend

Frameworks (2nd half)



Closing

WORLDWIDE LOCATIONS

We covered...

- The current state of application development
- Frontend frameworks
 - Features
 - Similarities
 - Differences
- Microservice architecture
- CI / CD

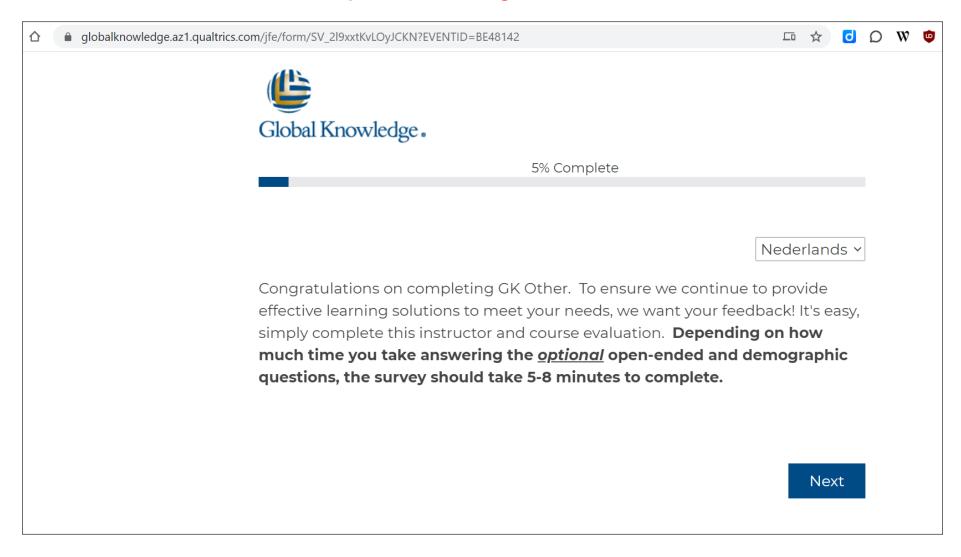
As always...

There is much, much more to learn!

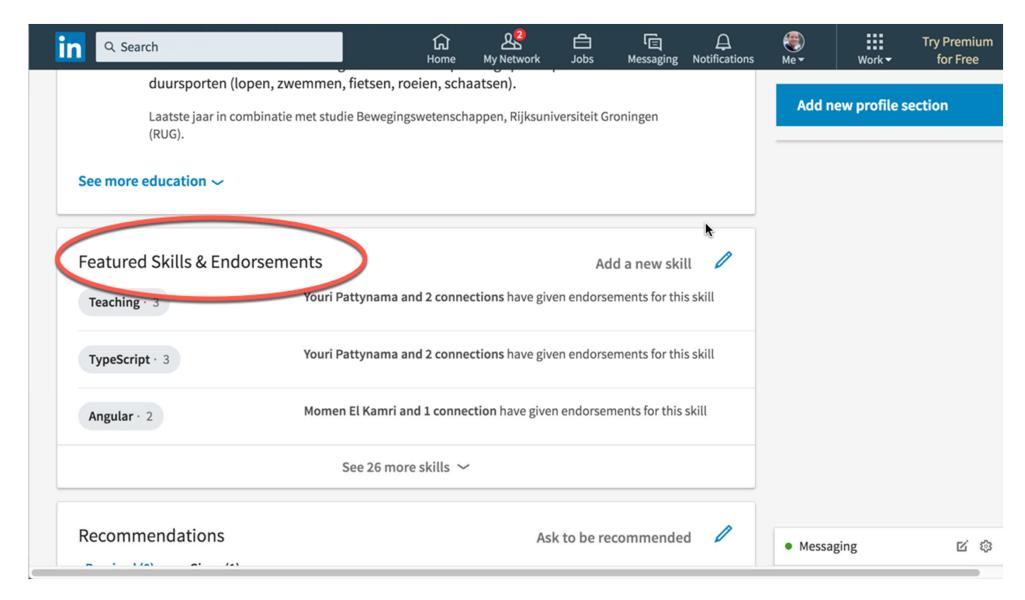


Eval

https://bit.ly/31thVJD



Let's connect



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