Training TypeScript
Short recap – day #2

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Proficiat…

Remco Evenepoel,
Wereldkampioen 2022
Wollongong, AUS

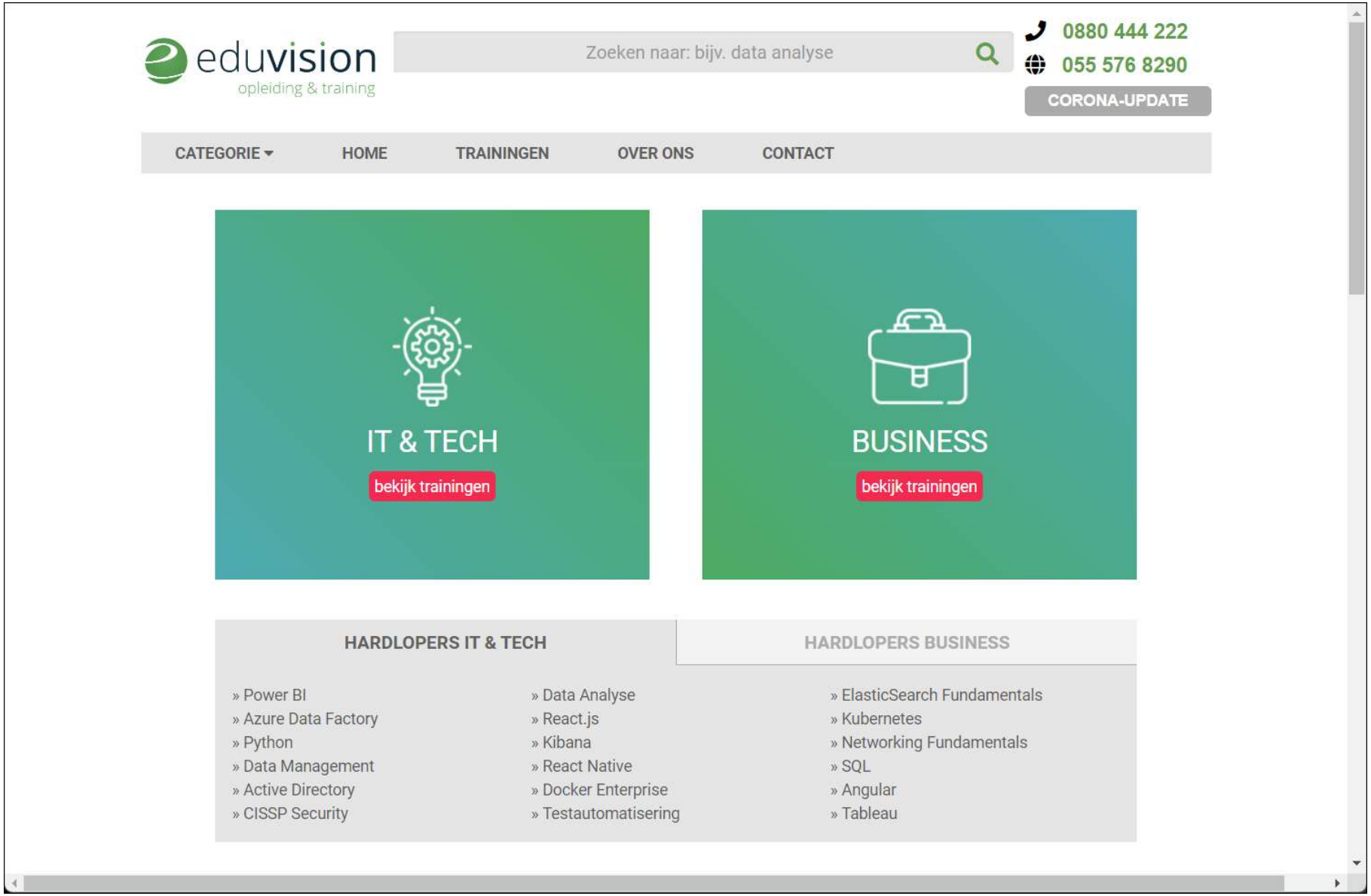
Wij hebben ook een wereldkampioen…

Karolien Florijn
Wereldkampioen Skiff 2022
Racice, CZE

Of twee 😁...

Annemiek van Vleuten
Wereldkampioen 2022
Wollongong, AUS

A quick recap on introducing myself…



www.eduvision.nl

Peter Kassenaar

- Trainer, author, developer – since 1996
- Specialty: *"Everything JavaScript"*
- JavaScript, TypeScript, Angular, Vue, React, NodeJS

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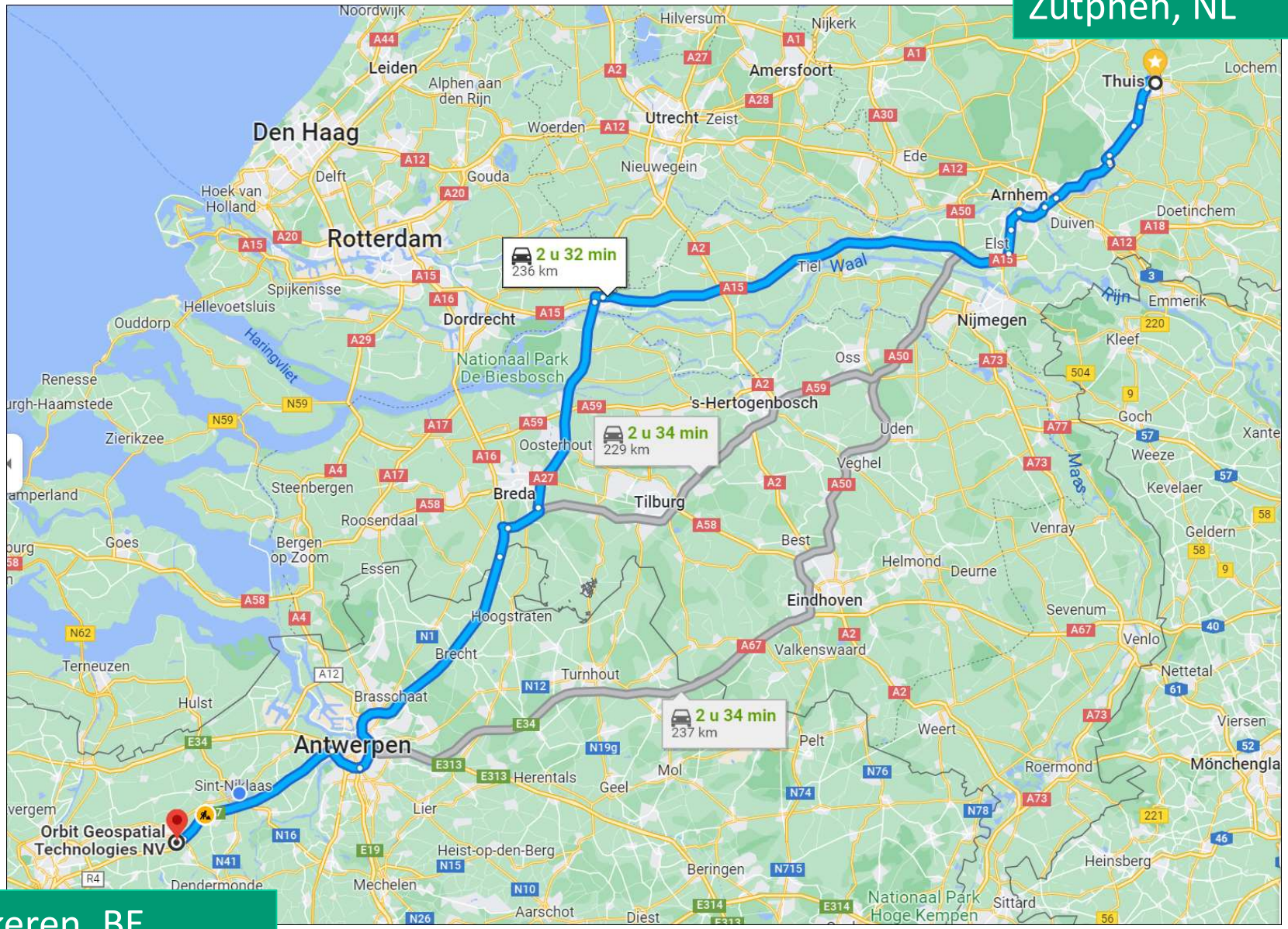
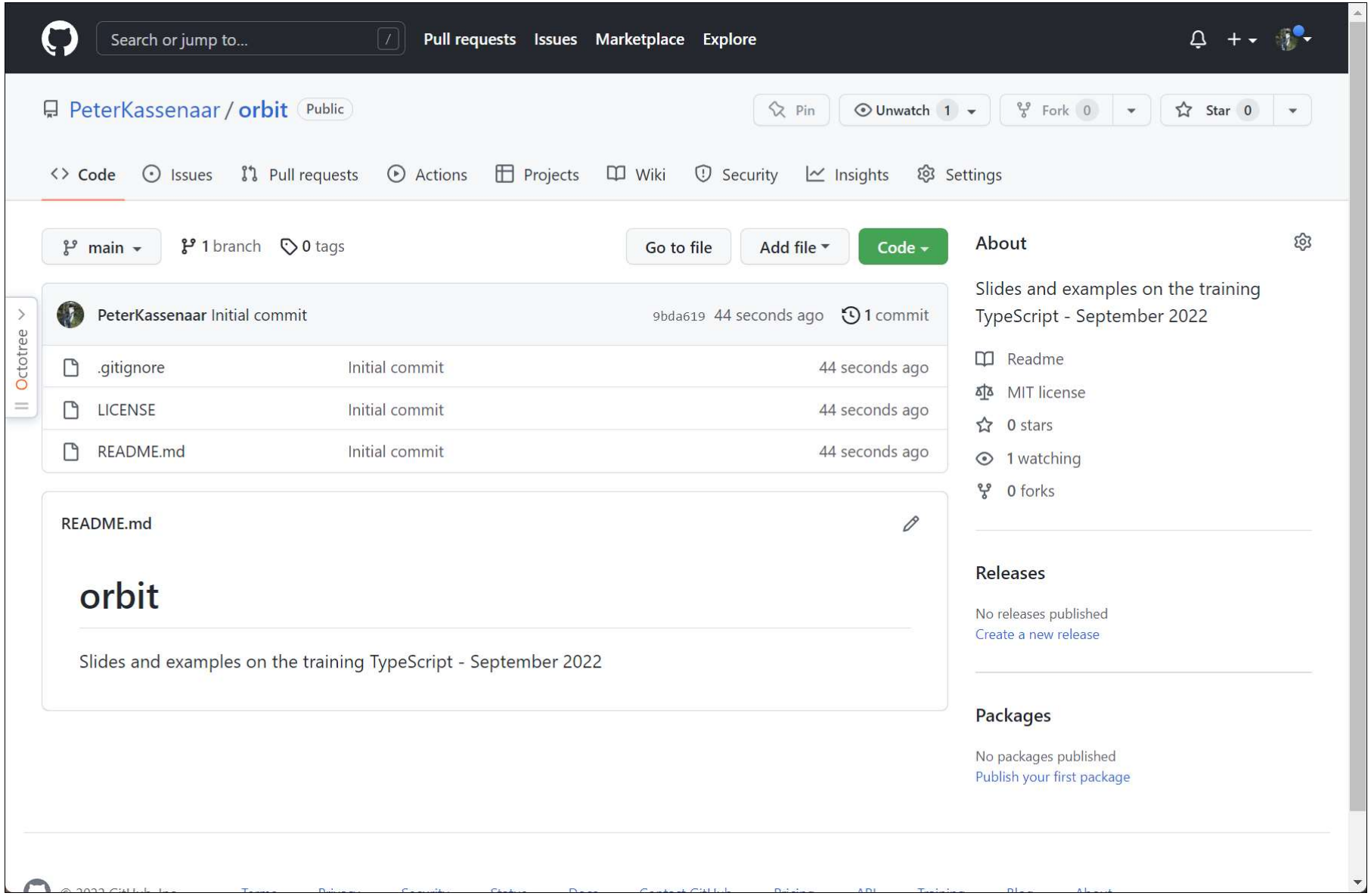
Zutphen, NL



Lokeren, BE

github.com/PeterKassenaar/orbit



New colleagues: *Introduce yourself shortly*

Current knowledge, JavaScript, TypeScript, more?

HTML, CSS, JavaScript - knowledge?

Other (web) languages?

Expectations of the training?

Specific or current projects?

Specific questions or techniques you want to learn about?

On day #2, Sept. 16th we covered:

- Generics<T>
  - Type Constraints
  - `const myFunction<T extends SomeType> = () => {…}`
- Types vs. Interfaces
  - No functional differences
  - `extends` vs Union Types and Intersection Types
- Namespaces / modules – Short, N/A
- Type Guards
  - `typeof` and `instanceof` operators

Questions?

Today & Tomorrow

- Type Guards: the `in` and `asserts` operator
- Type Queries `<T, K extends keyof T>`
- Mapped Types
- Conditional Types
- Creating overloaded functions
- Types in combination with React Components
  - And UI libraries
- Common TypeScript mistakes
- …

Tomorrow - 27 September 2022

- …
- Creating custom TypeScript Decorators
- Common TypeScript mistakes

See you then!