

H. Dip. In Computer Science (Online)

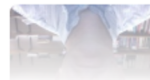
Full Stack Development 2

Overview

Diarmuid O' Connor (doconnor@wit.ie)



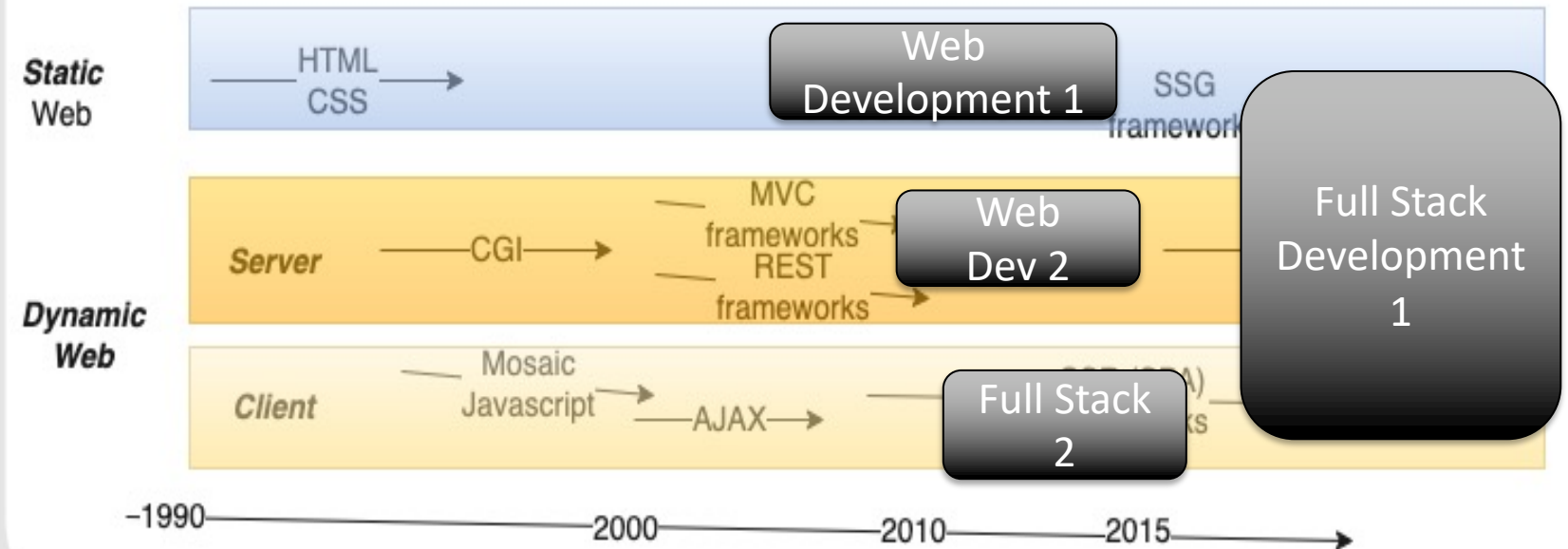
Diarmuid (WIT Lecturer) ●
Diarmuid O Connor



Diarmuid O Connor

Context

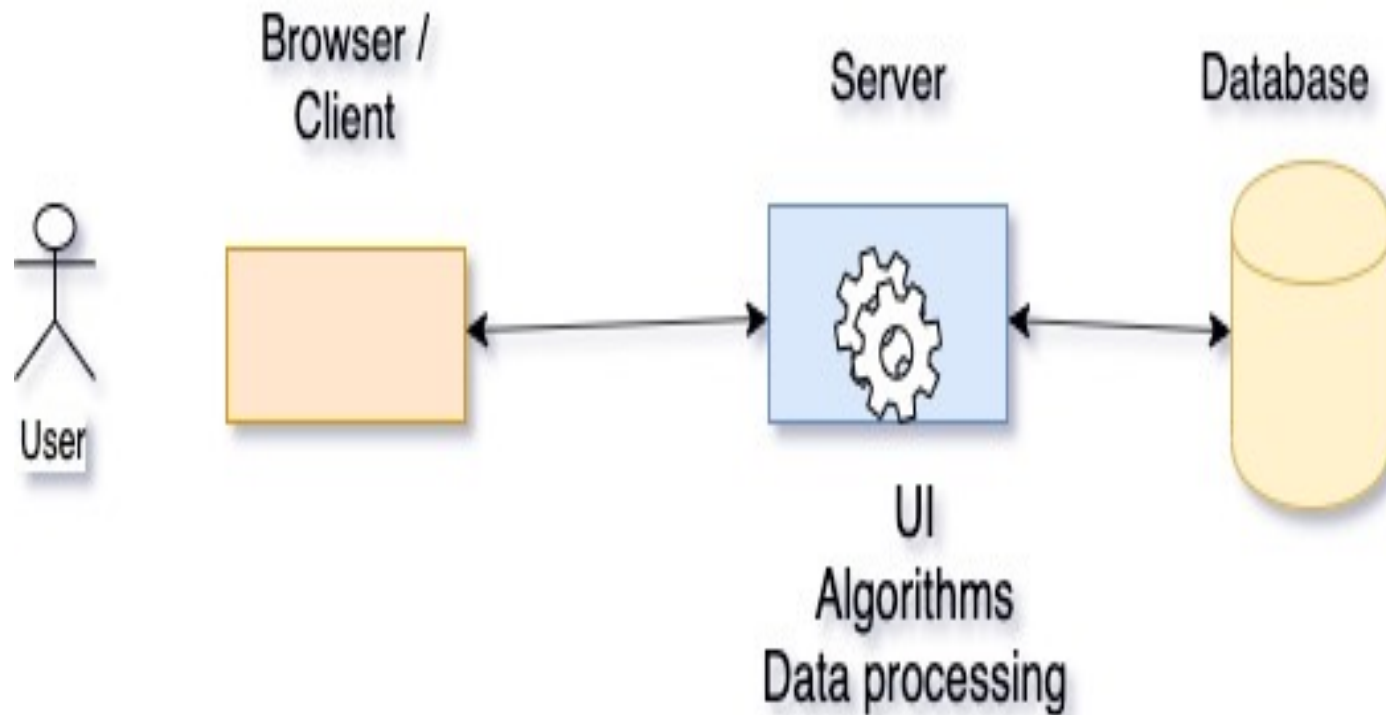
Evolution of the Web platform



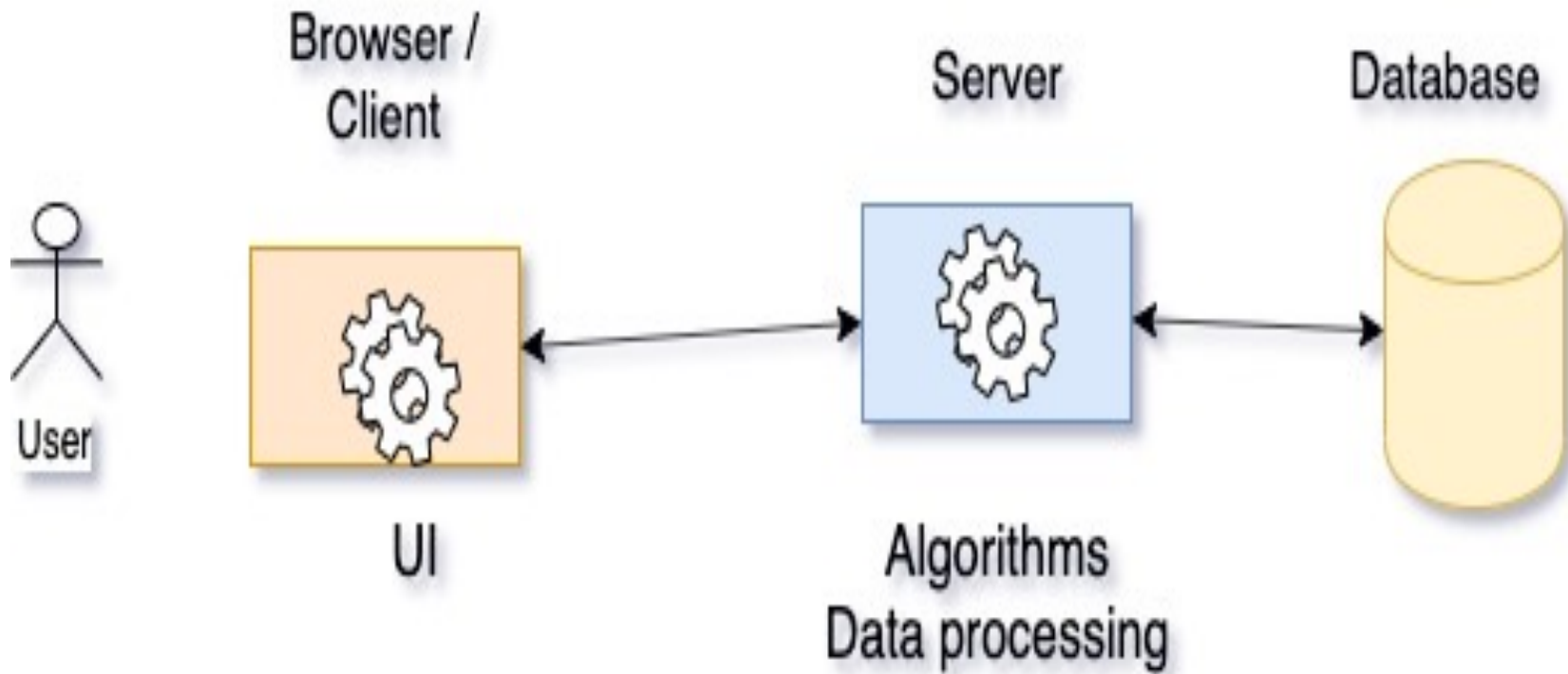
Web App Development (2023).

- Model options:
 1. CSR (Client-side rendering)
 2. SSR (Server-side rendering)
 3. SSG (Static site generator)

Web App Architecture – Server-Side Rendering (SSR)



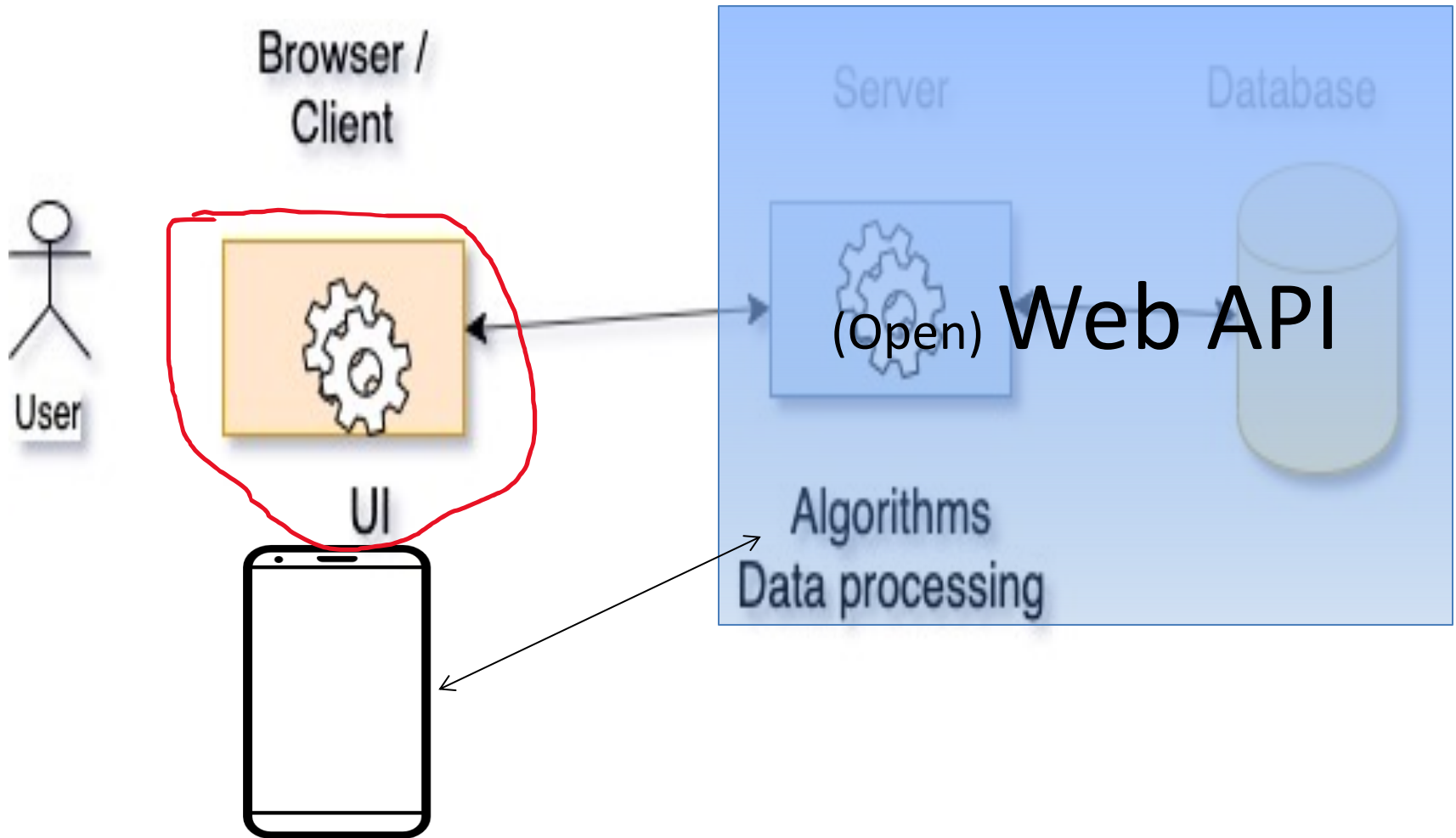
Web App Architecture – Client-Side Rendering (CSR)



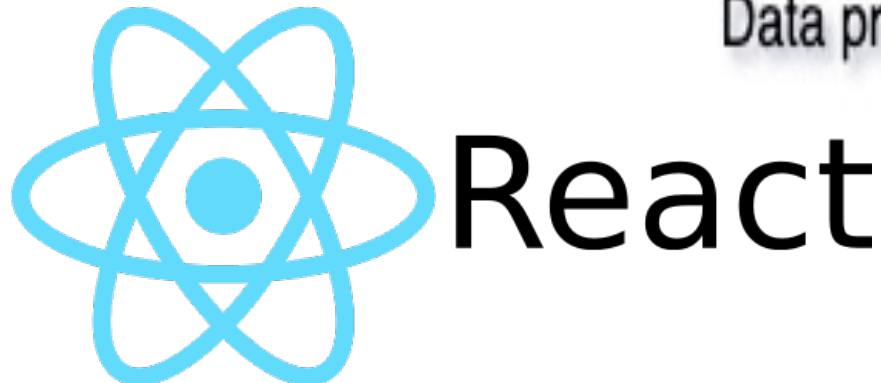
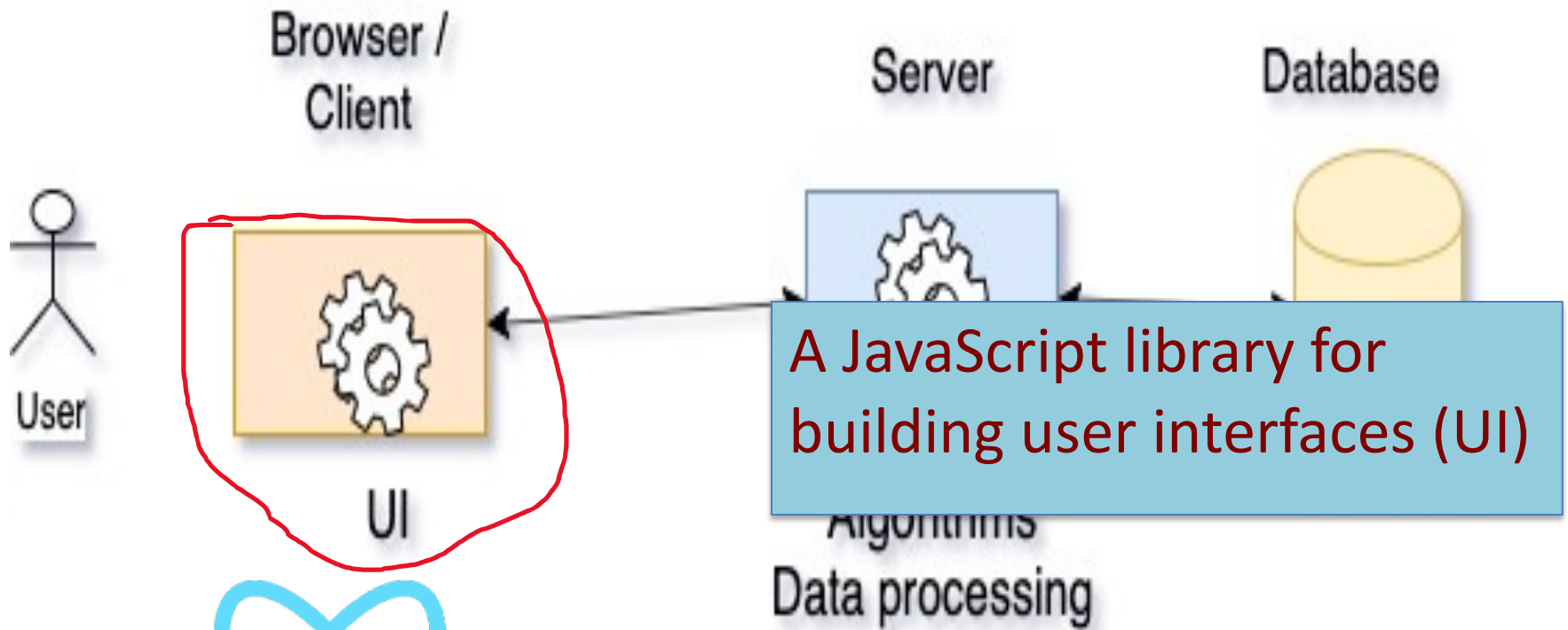
Full Stack Development 2

- Design and implement (performant), client-side rendering web apps using industry-standard frameworks and tools.

Full Stack Development 2

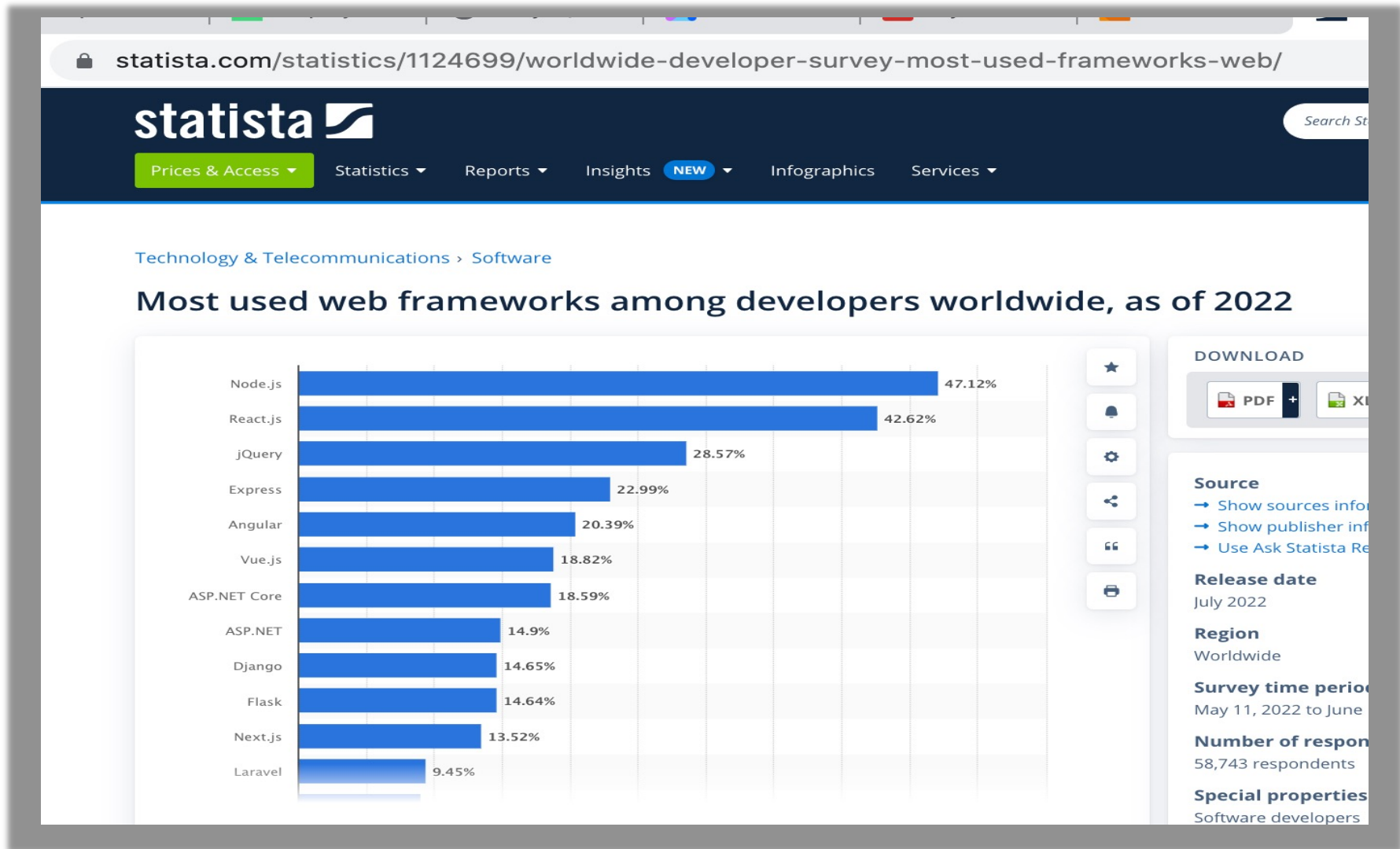


Industry-standard Frameworks

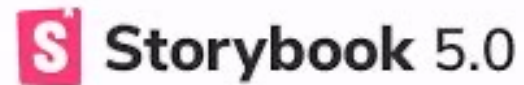


React

Industry-standard Frameworks.




Industry-standard Tools.











Visual Studio Code








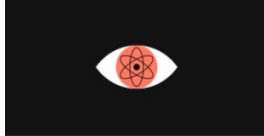

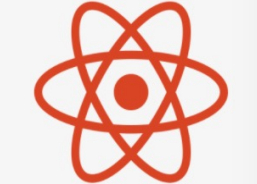




Table of Content (Last year)

 Skills Studio 2
Diarmuid O' Connor, WIT



 > Skills Studio 2

<div>Module overview,</div> <div></div> <div>A look at the context for this module.</div>	<div>Introduction to React and Storybook.</div> <div></div> <div>Examine the basics of React's component model, including class...</div>	<div>React: The Component model.</div> <div></div> <div>Examine the core aspects of the component model, including state, hooks,...</div>	<div>Component Lifecycle. Navigation</div> <div></div> <div>Component lifecycle Hooks. Routing configuration. Routing...</div>	<div>React: Design and Routing.</div> <div></div> <div>Explore some more navigation features available in React Router..</div>
	<div>React App Design</div> <div></div>	<div>State Management & Protected Routes.</div> <div></div>	<div>Assessment.</div> <div></div>	

React is a gateway



What's trending now?

- Islands Architecture.



Assessment

- Lab work.
 - 1 submit.
 - End of term.
 - 40 %
- Assignment/Project.
 - Submit early-August.
 - 60 %

Questions?