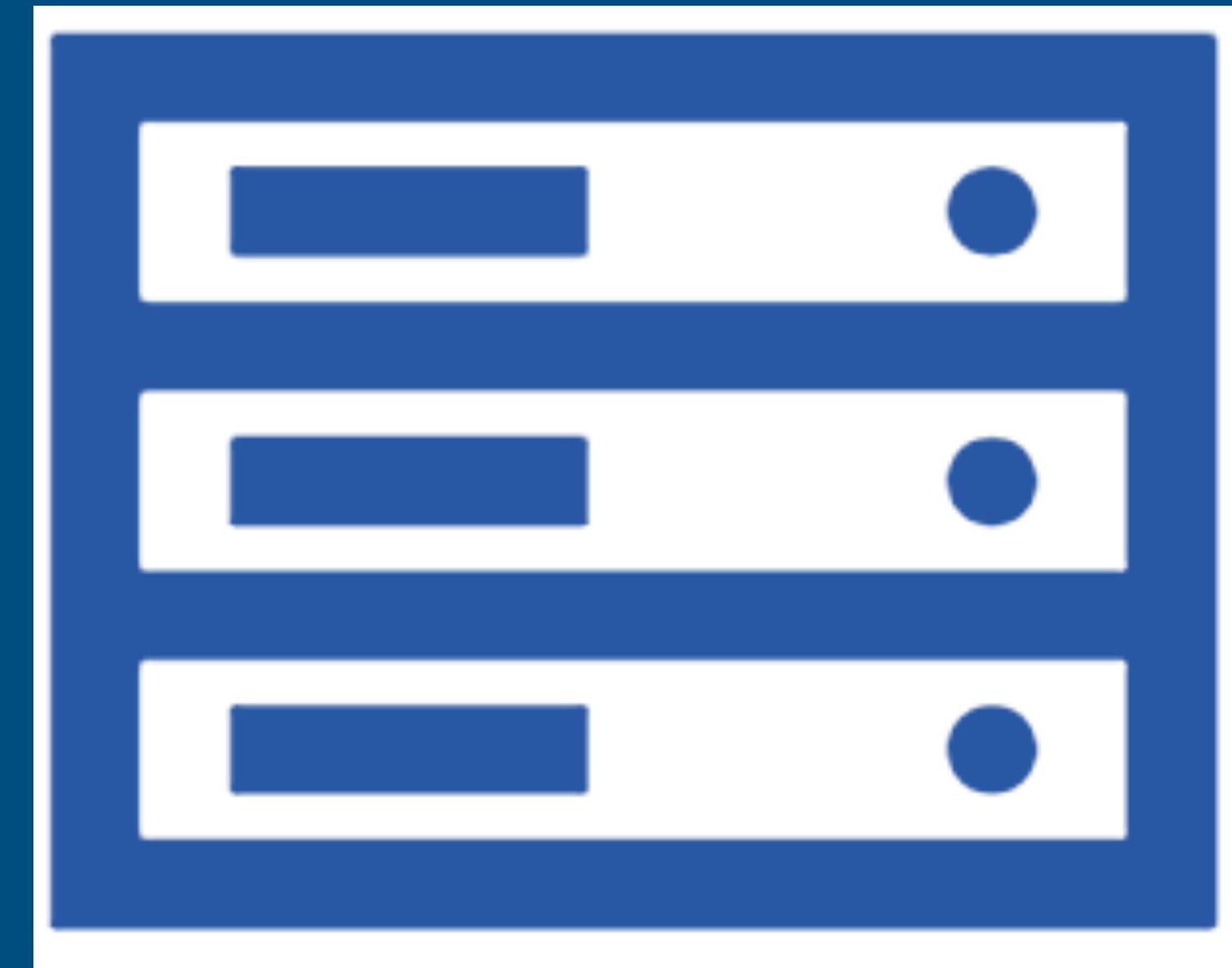


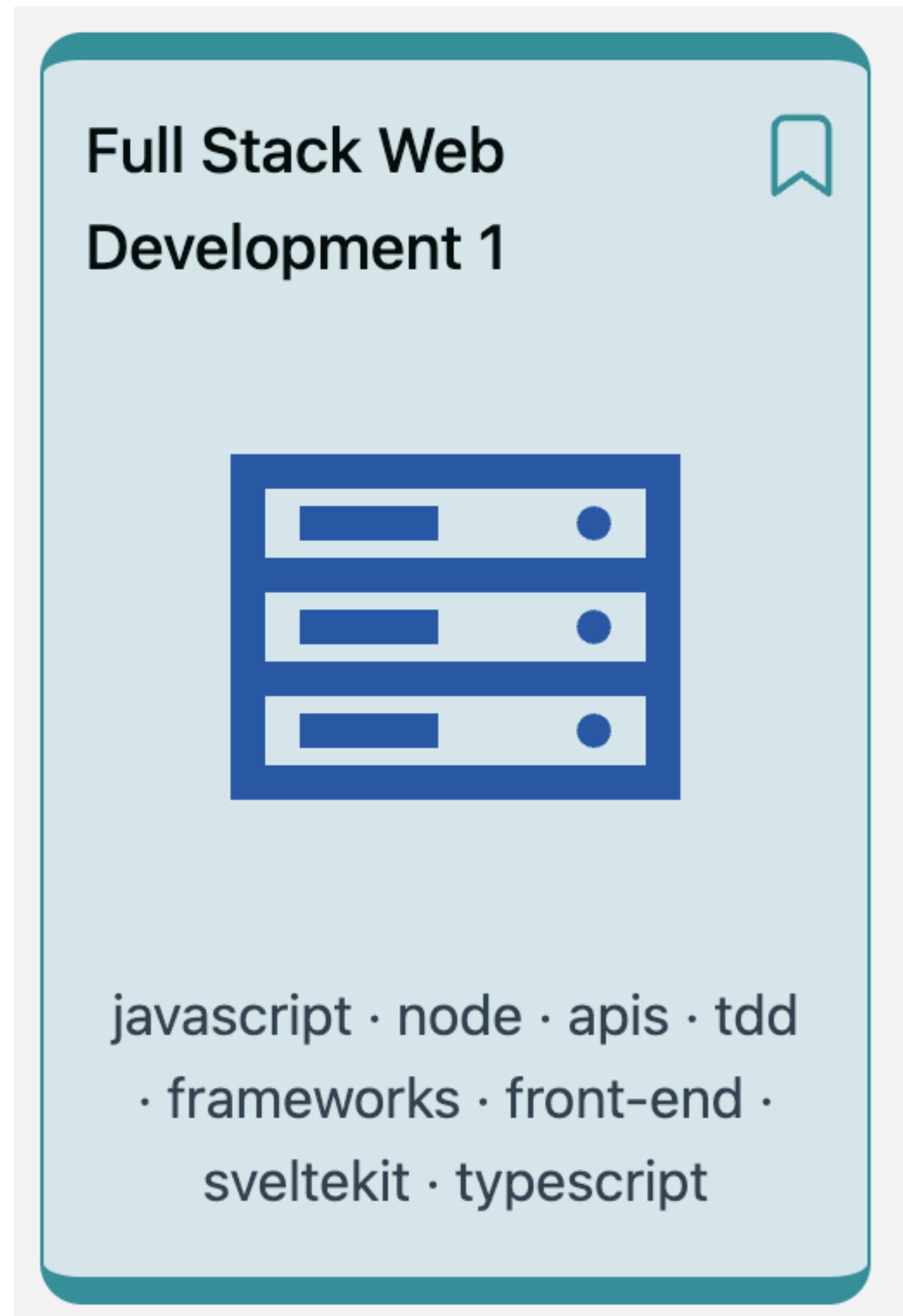
Course Overview



Full Stack Web Development

Agenda

- Prerequisites
- Module Overview
- Components
- References



Perquisites

- Intermediate level skills in:
 - **HTML:** Ability to effectively structure the html content of a small to medium static site, including the use of templates
 - **CSS:** Understand the fundamentals of CSS, and be able to realise simple layouts and designs. Be comfortably using a CSS framework
 - **Javascript:** Be familiar with the building blocks of the language and be able to compose realise algorithms to accomplish simple tasks.



- **Web Applications:** Have experience building simple web applications, including the the fundamentals of templating, Model View Controller patterns, sessions & the basics of application deployment

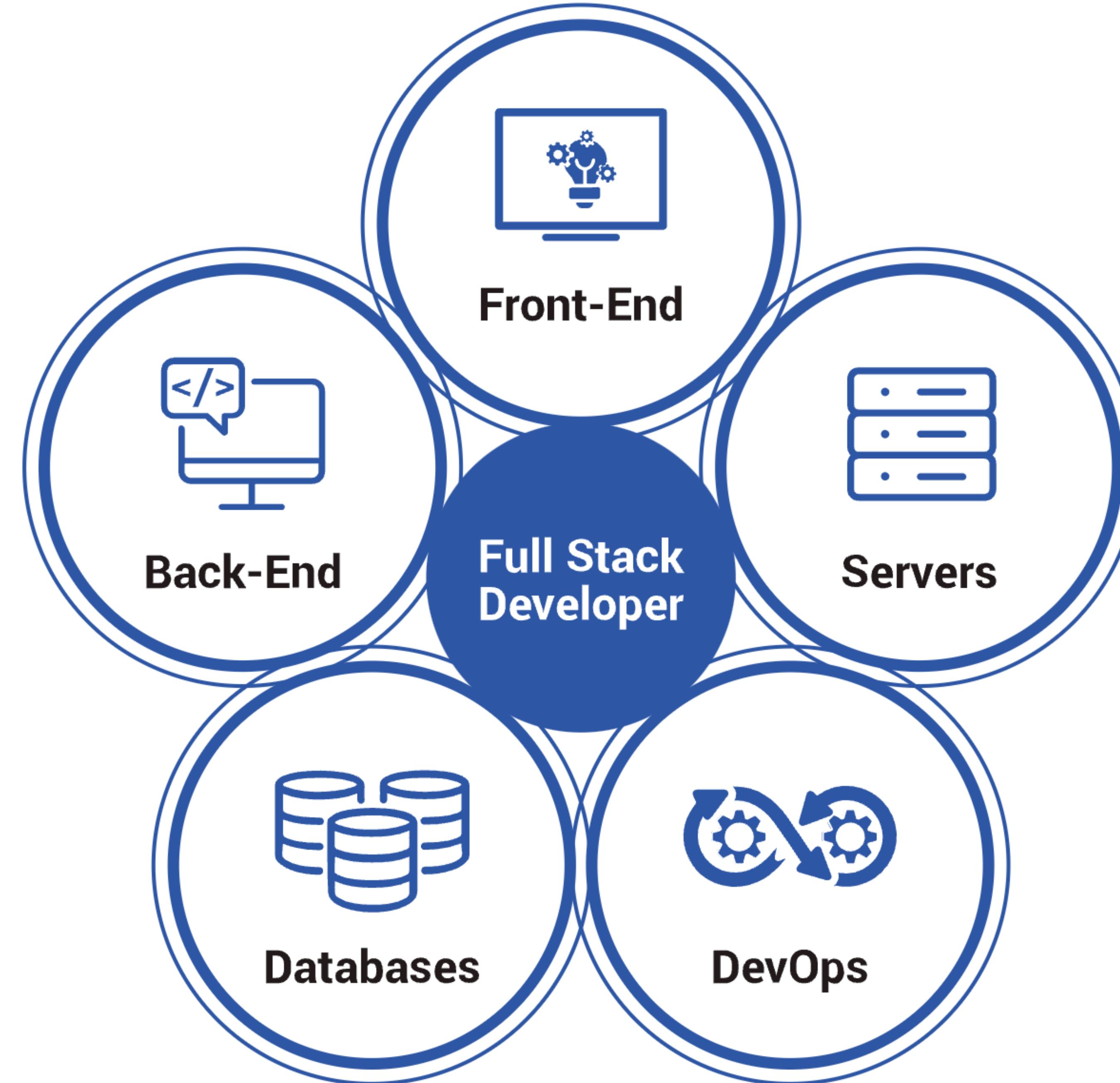
Back End Web
Development

Test Driven
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Application
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Interfaces

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Full Stack



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Concepts

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The image shows a horizontal row of five cards, each representing a different aspect of back-end web development. Each card has a green header and footer and a white central area. A small blue bookmark icon is in the top right corner of each card.

- 01: Node**: Features the Node.js logo (a green hexagon with 'node' and 'js' in black) and the text "The fundamentals of Node. A first Node application."
- 02: Hapi.js**: Features the Hapi.js logo (a grey alien head with antennae) and the text "The Hapi application Framework".
- 03: Joi**: Features the Joi logo (a paintbrush with a white blob) and the text "Validation with Joi".
- 05: Models**: Features a blue folder icon with three blue cubes inside and the text "Incorporate Mongo Models".

Back End Web Development

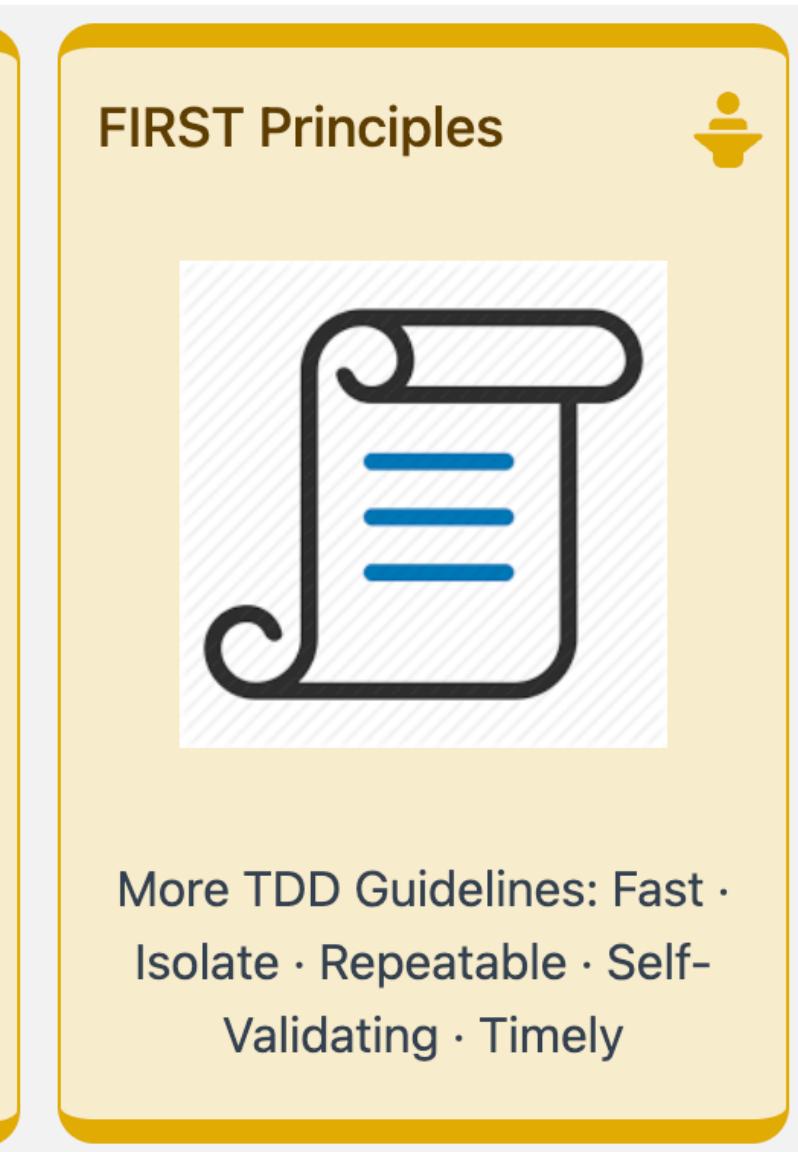
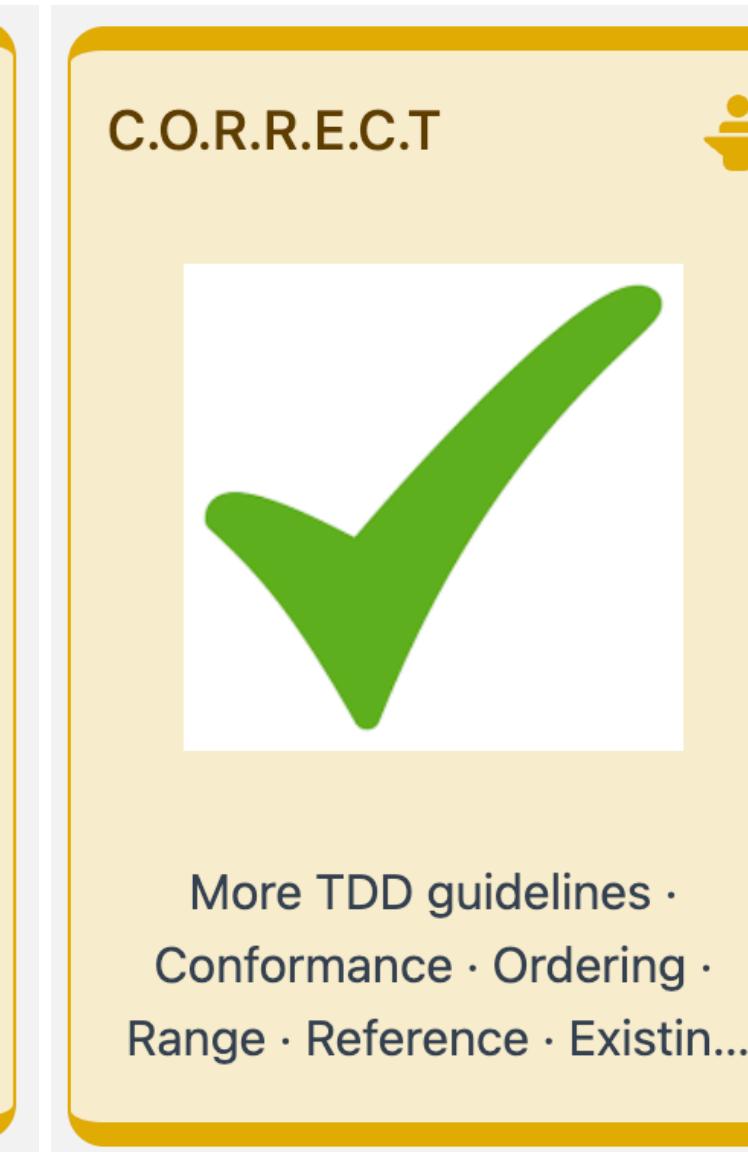
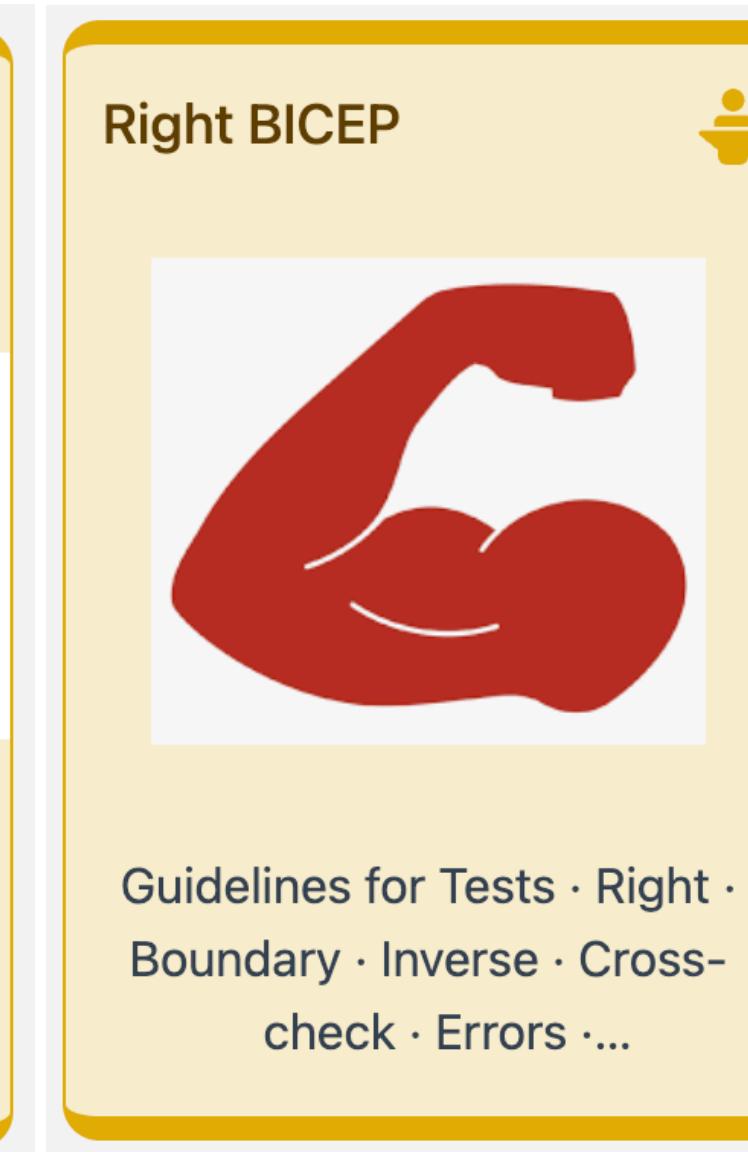
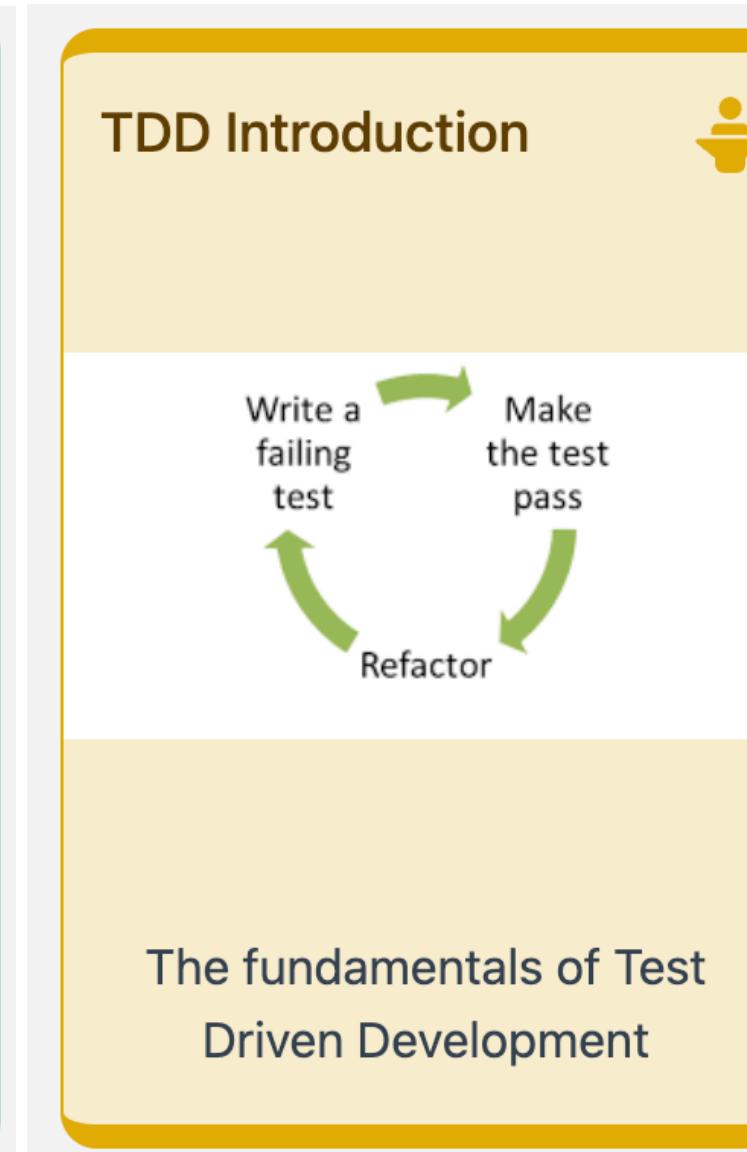
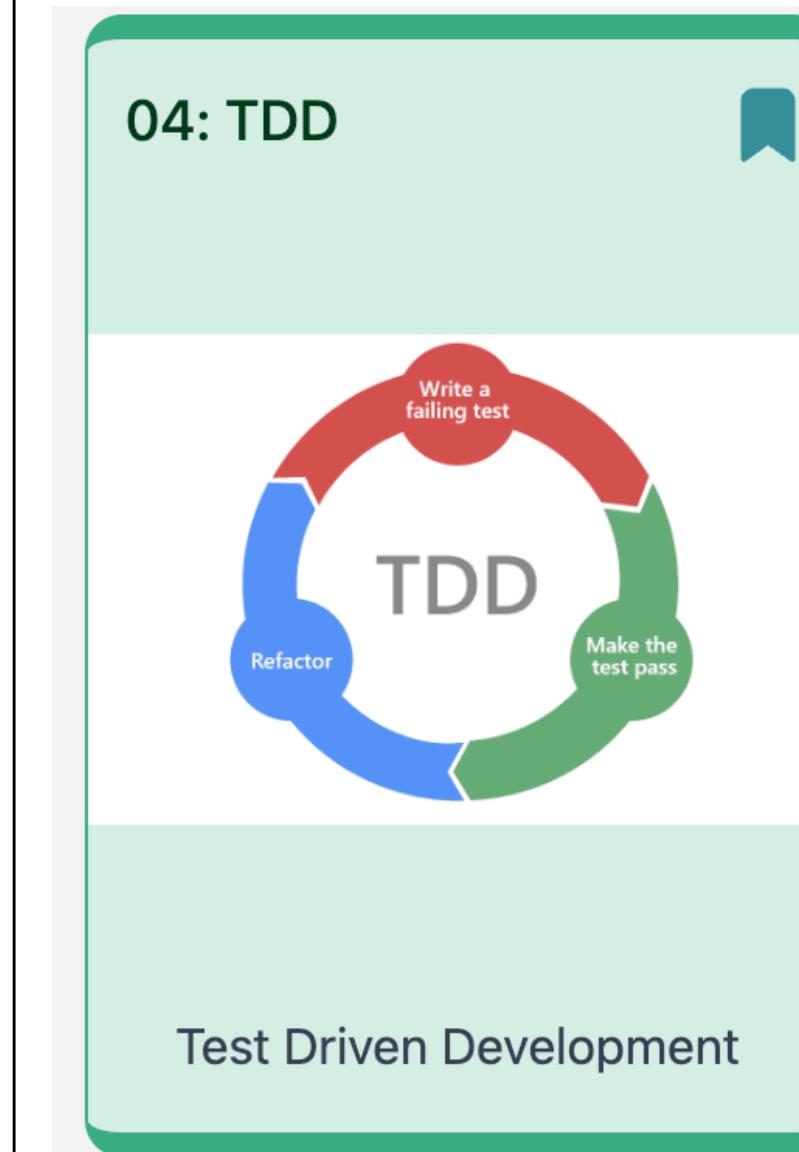
Test Driven Development

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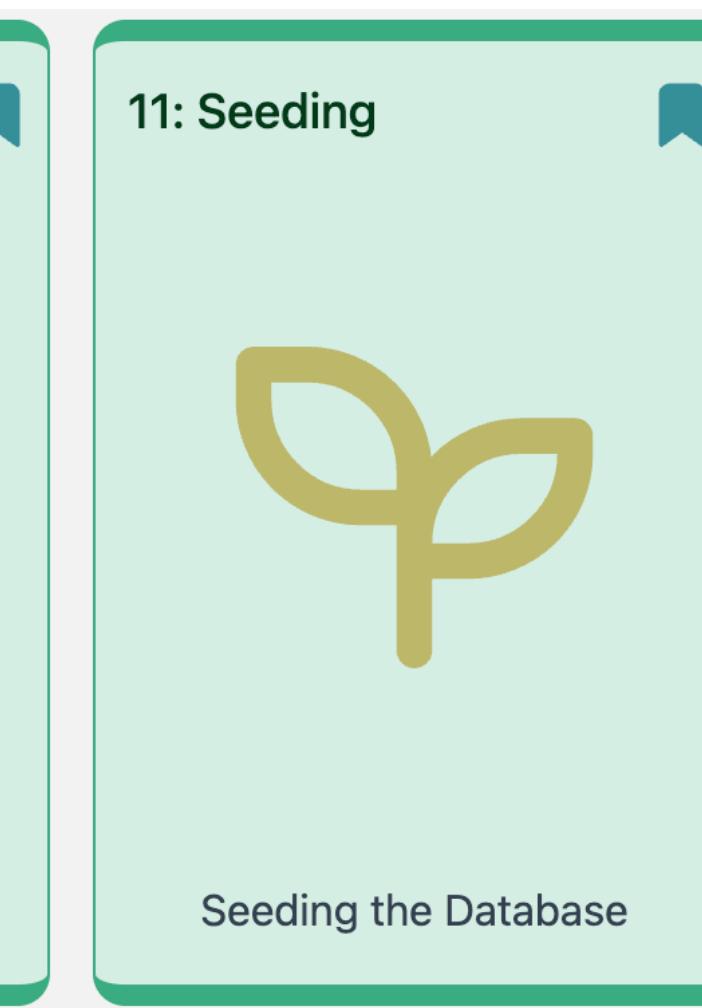
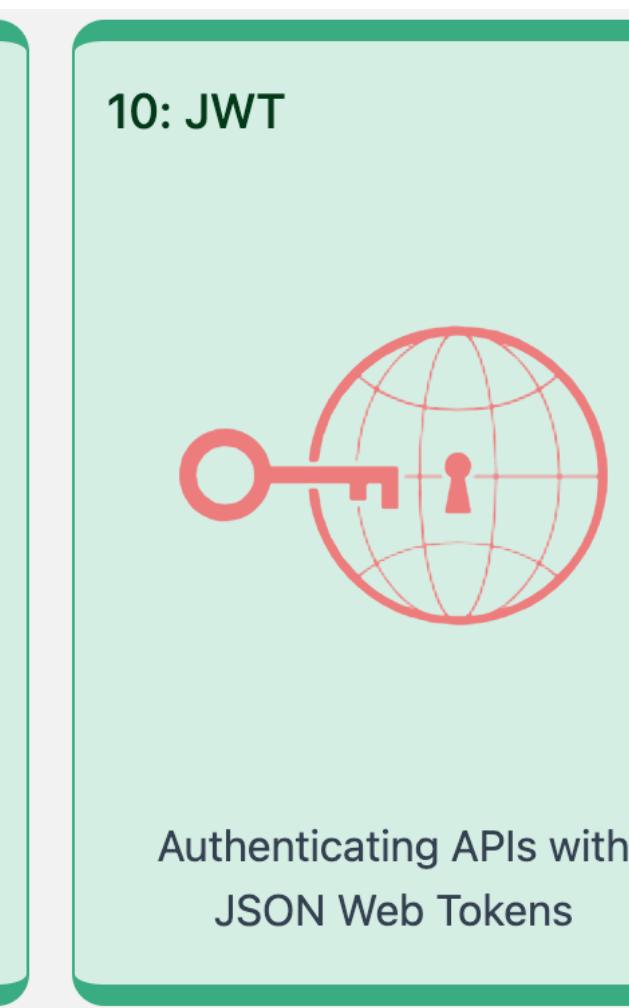
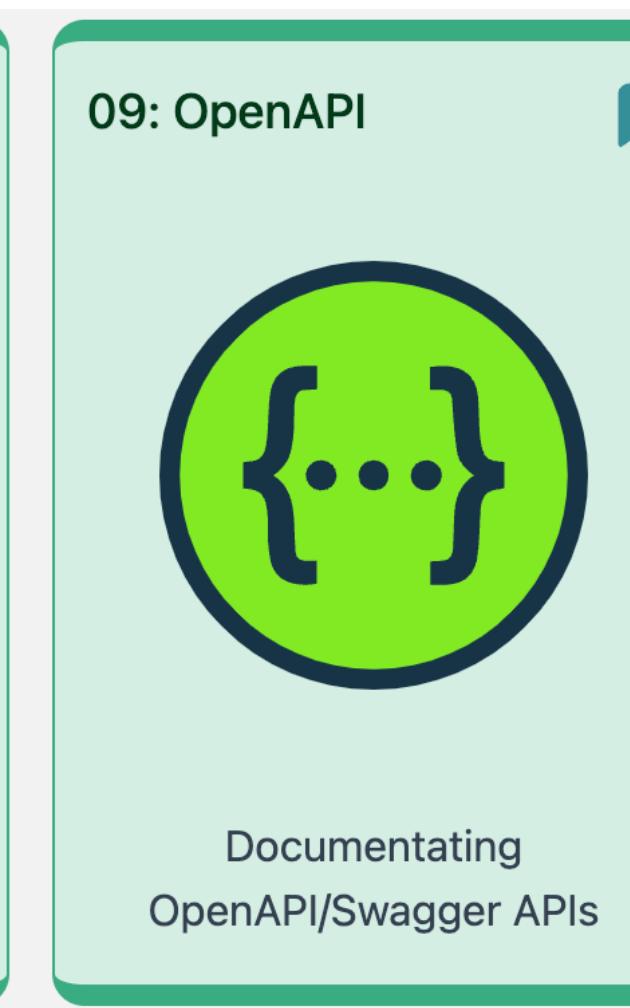
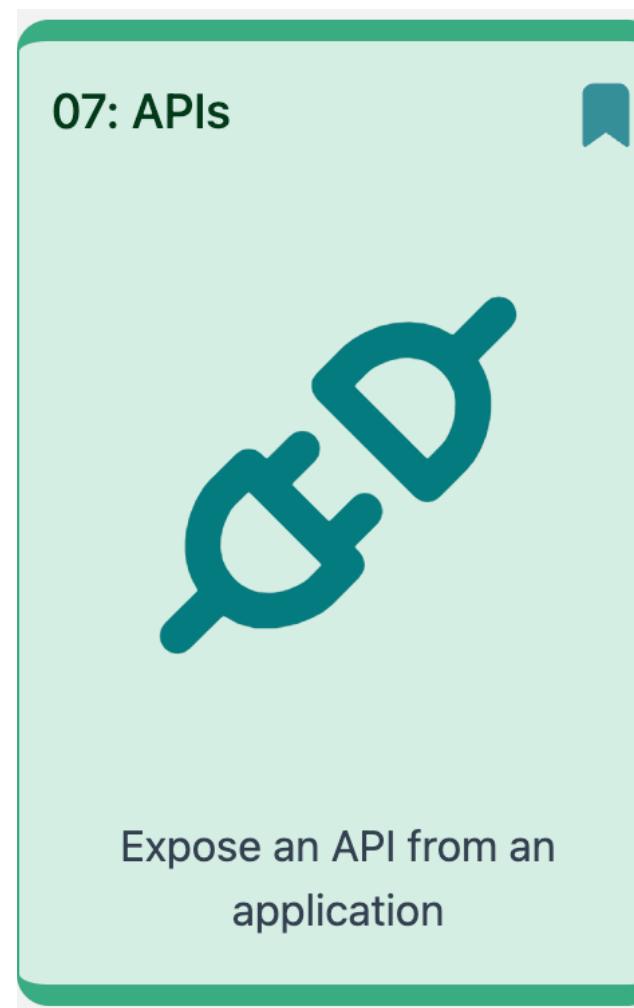
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The image shows a horizontal row of seven cards, each representing a lesson in the Svelte framework. Each card has a green header with a bookmark icon, a large central icon, and a brief description below it.

- 12: Deployment** (Icon: Cloud with arrow): Deploying to Glitch, Render & Cloud Atlas
- 13: DOM** (Icon: Document tree): The Document Object Model
- 14: Svelte Introduction** (Icon: Large orange Svelte logo): First contact with the Svelte Framework
- 15: Svelte Components** (Icon: Component diagram): Introducing the Svelte Component Model
- 17: Donation Applications** (Icon: Computer monitor with gears): Overview of Donation Applications - Hapi & Svelte
- 18: TypeScript** (Icon: TypeScript logo): TypeScript Hapi Applications
- 19: SvelteKit Routing** (Icon: Route sign): Application Routing in SvelteKit

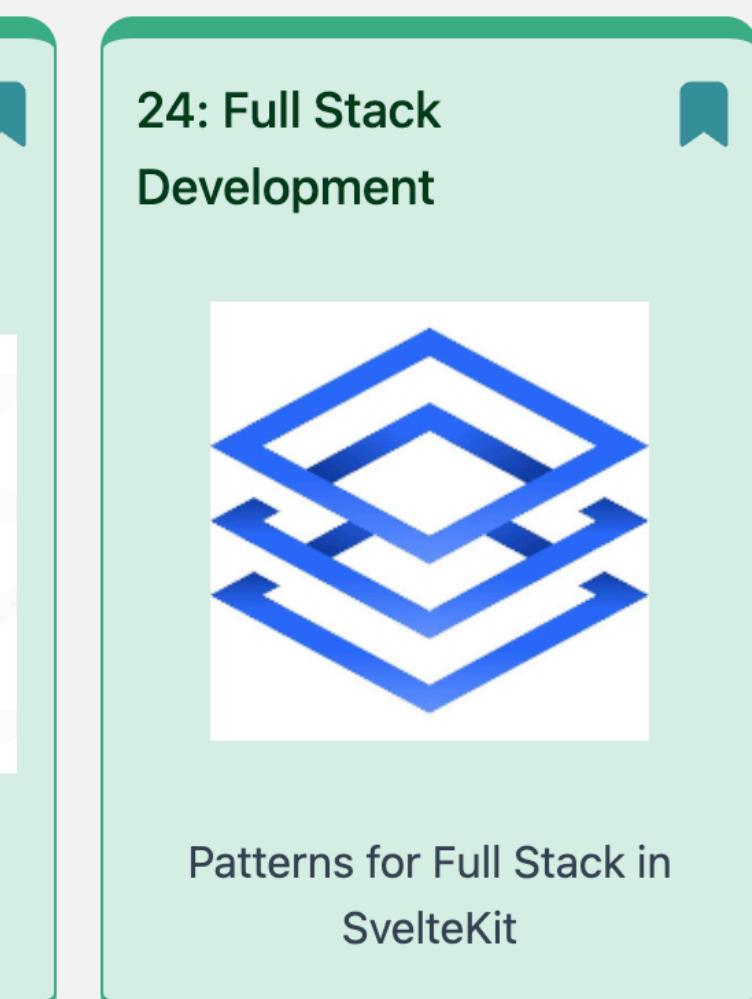
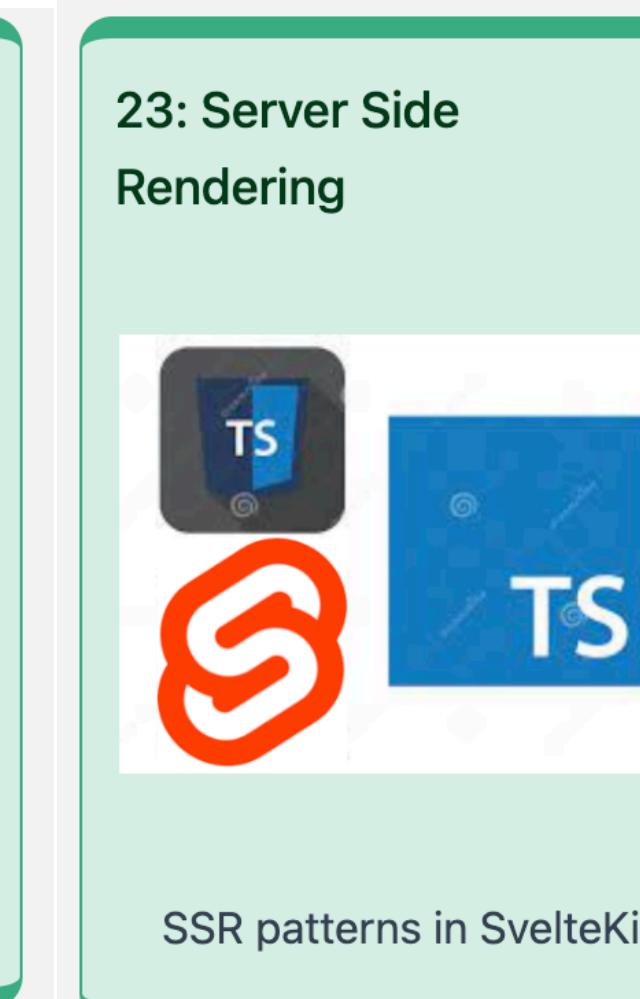
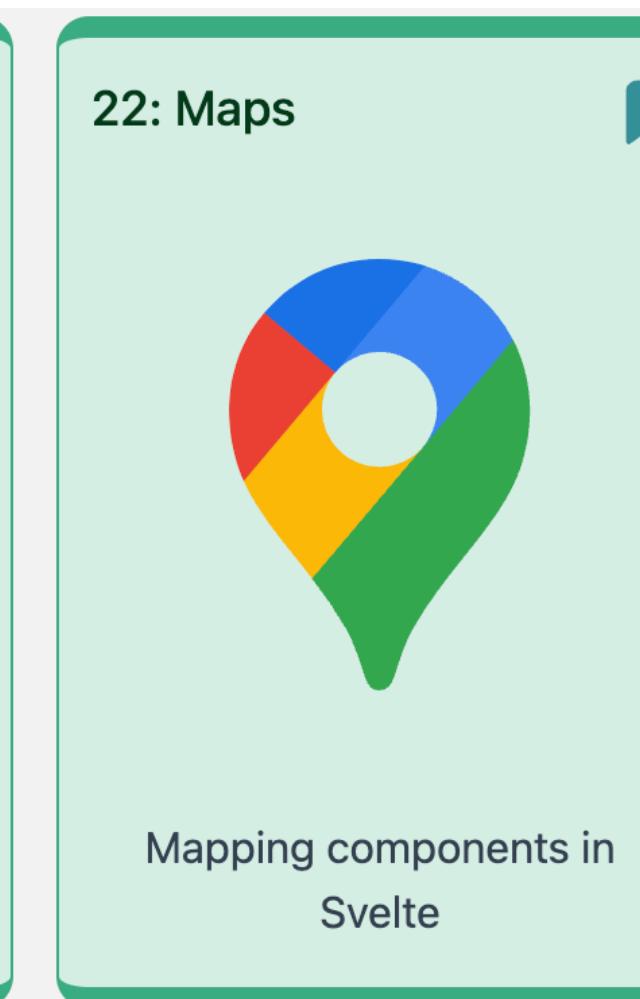
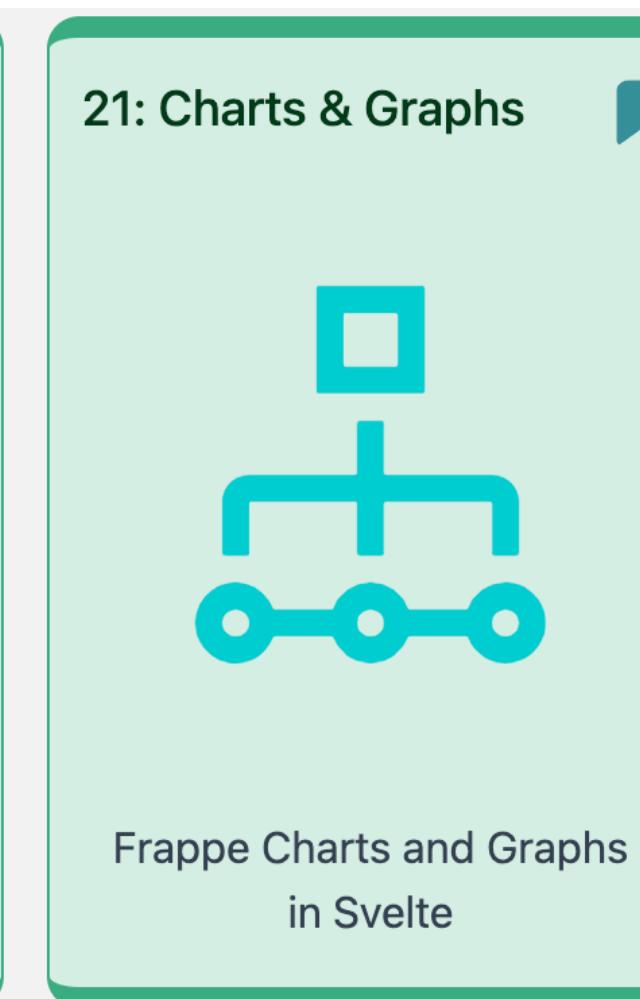
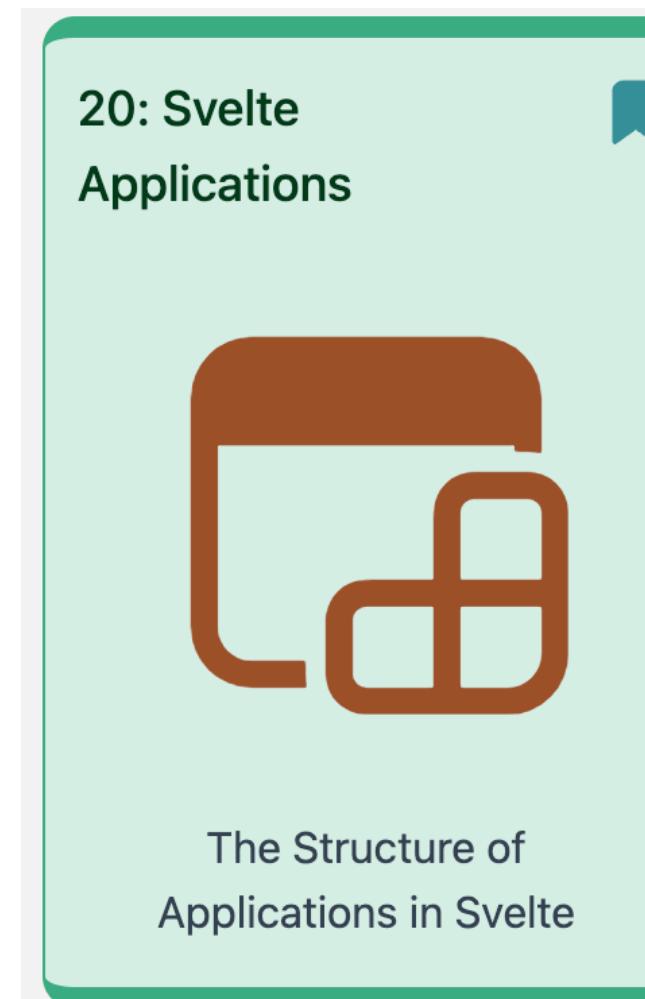
Back End Web
Development

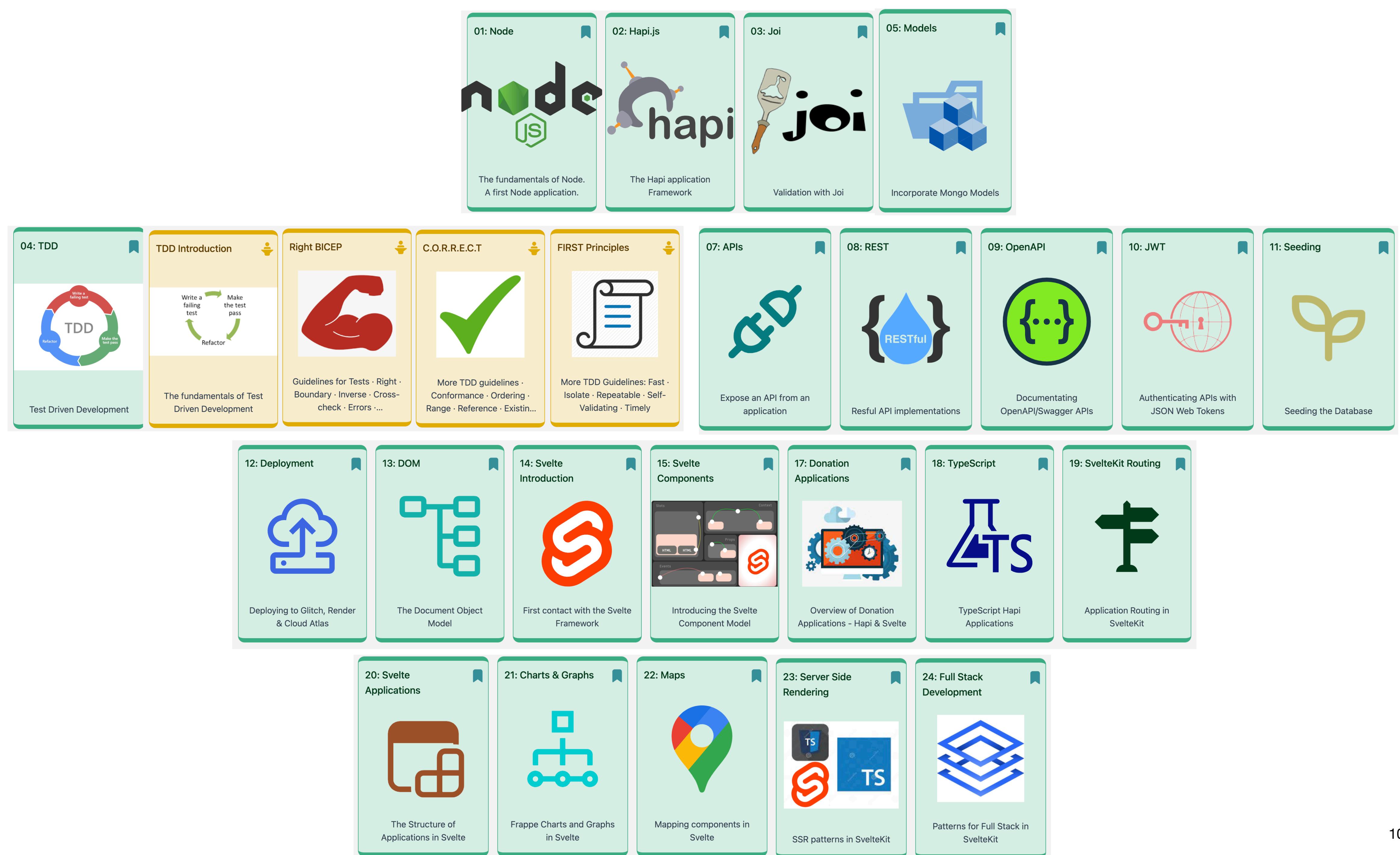
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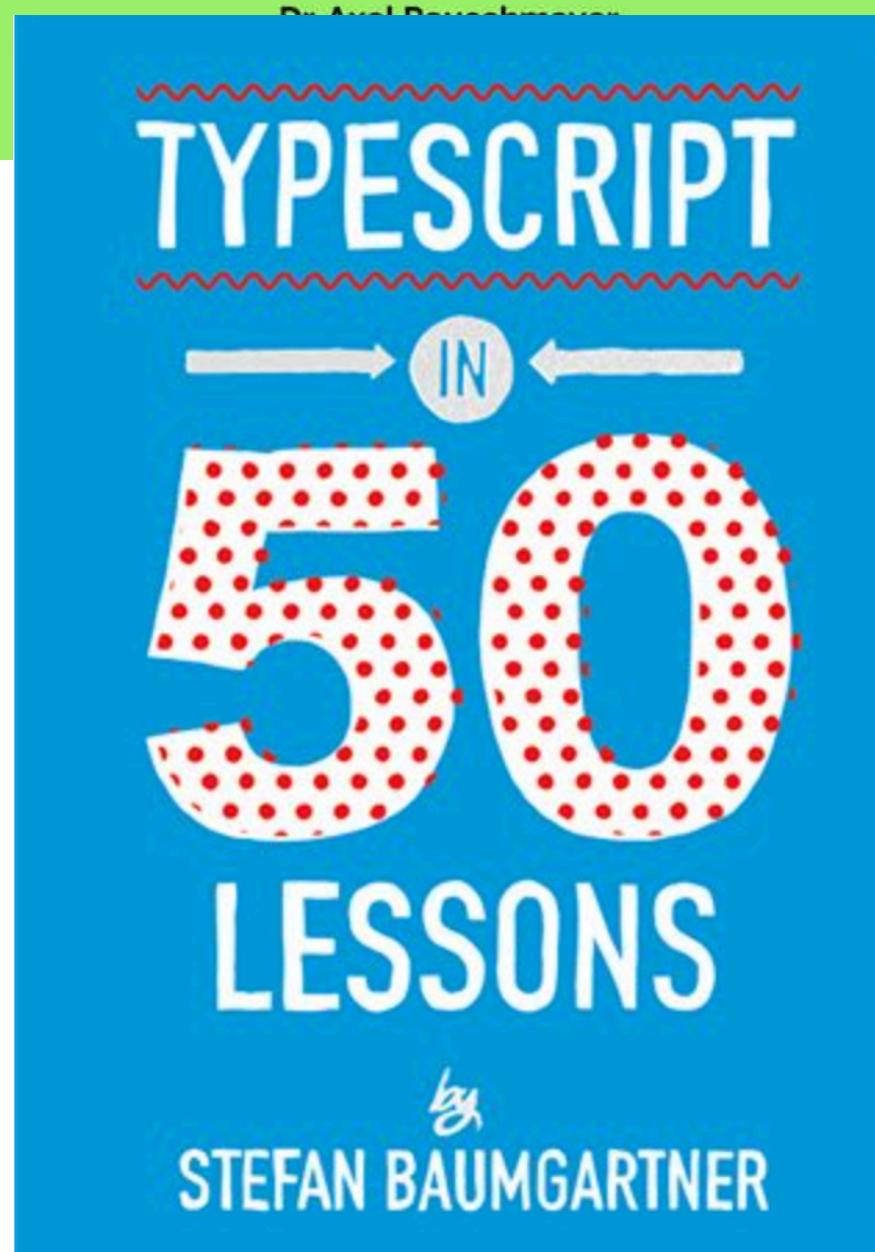
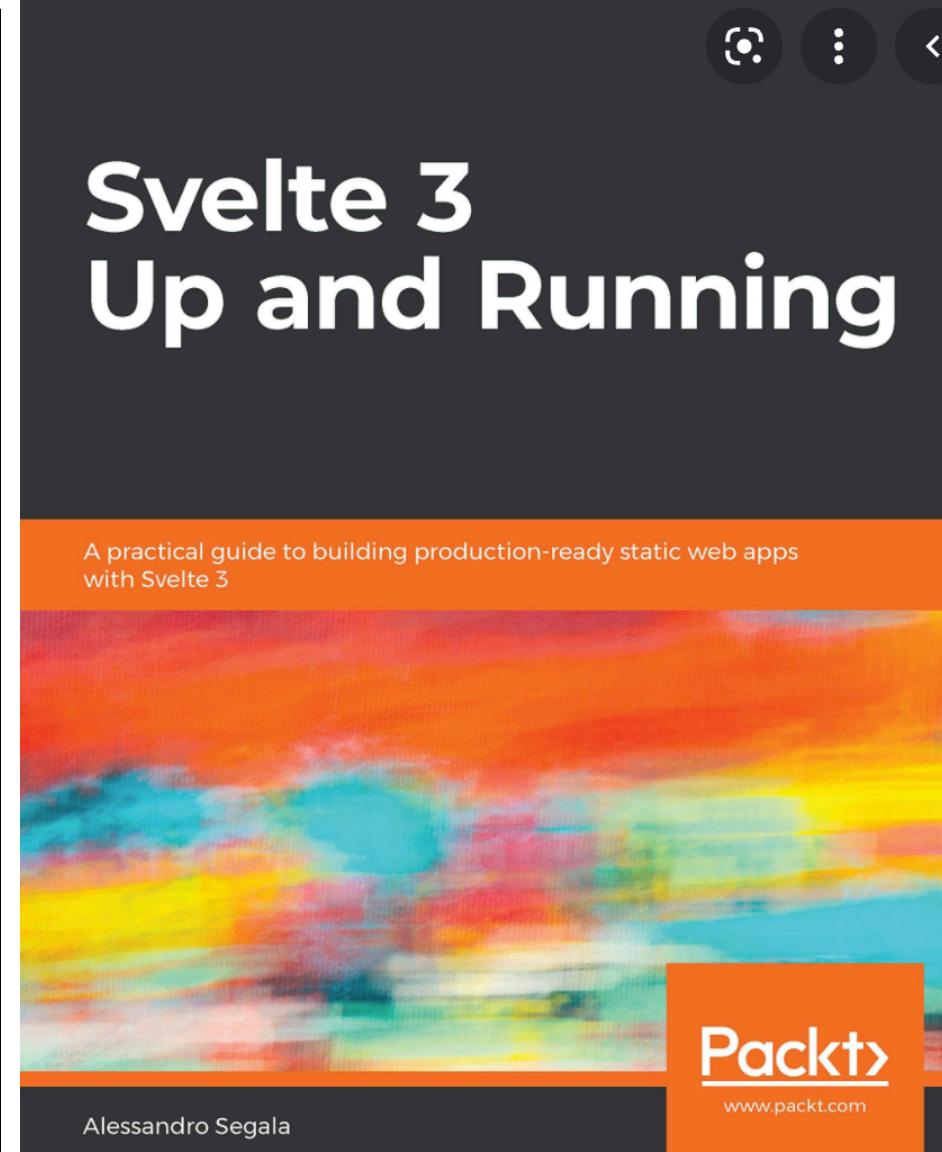
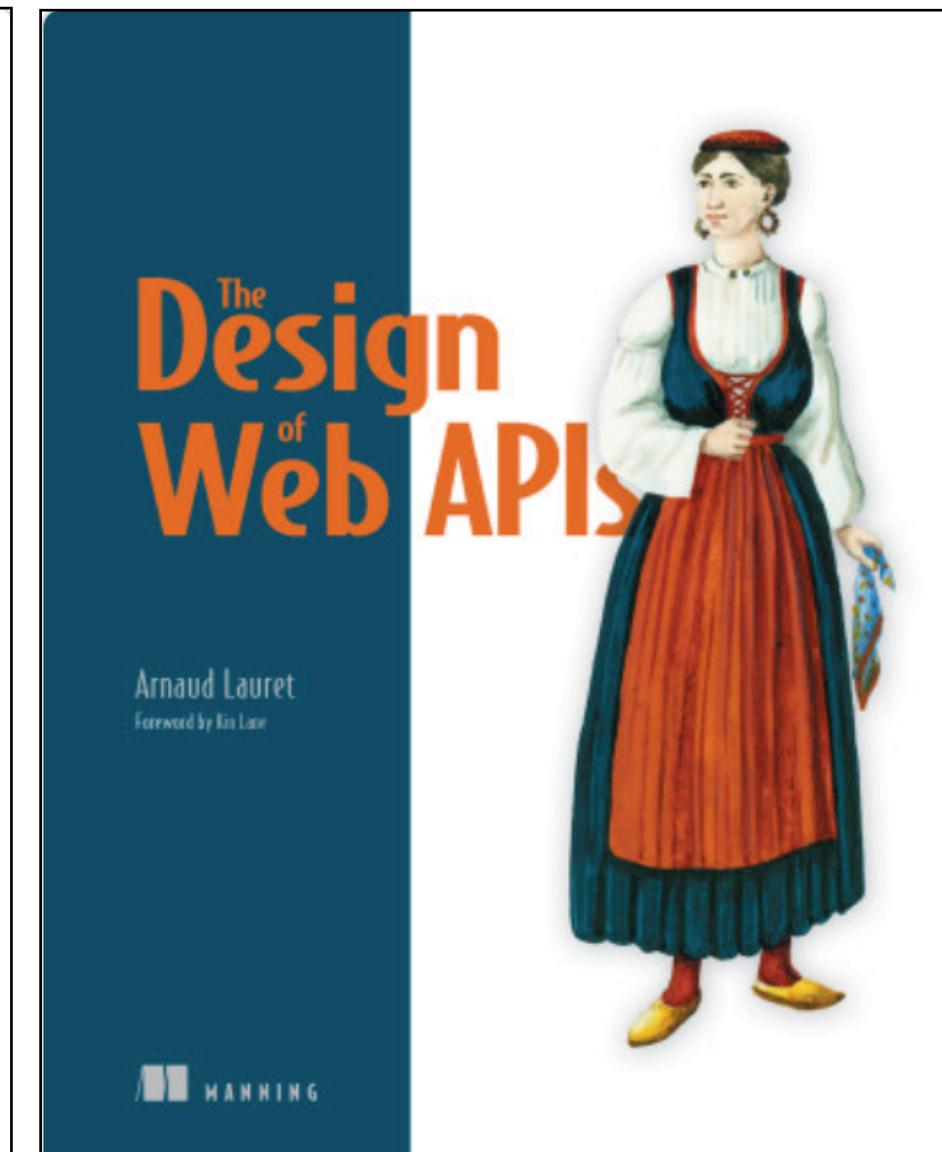
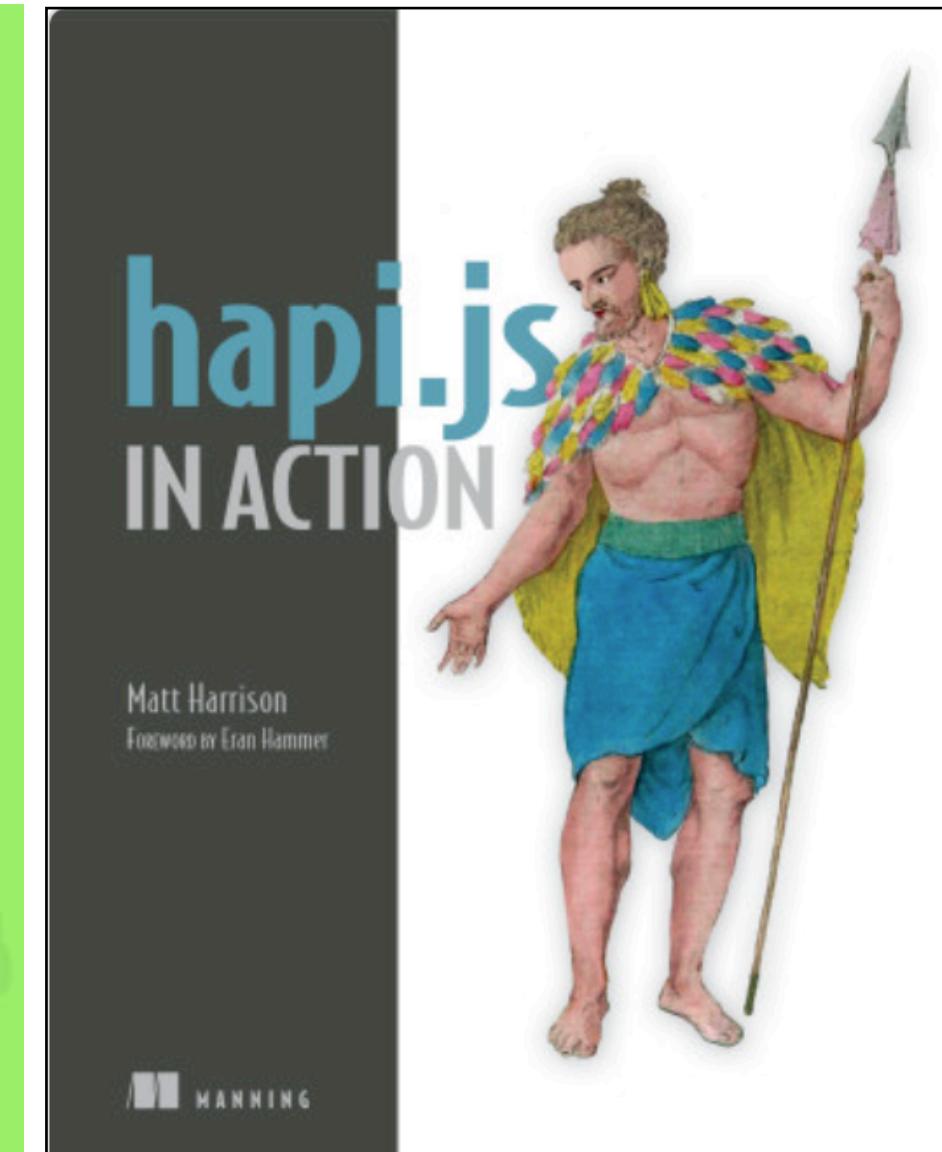
Front End Web
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Full Stack

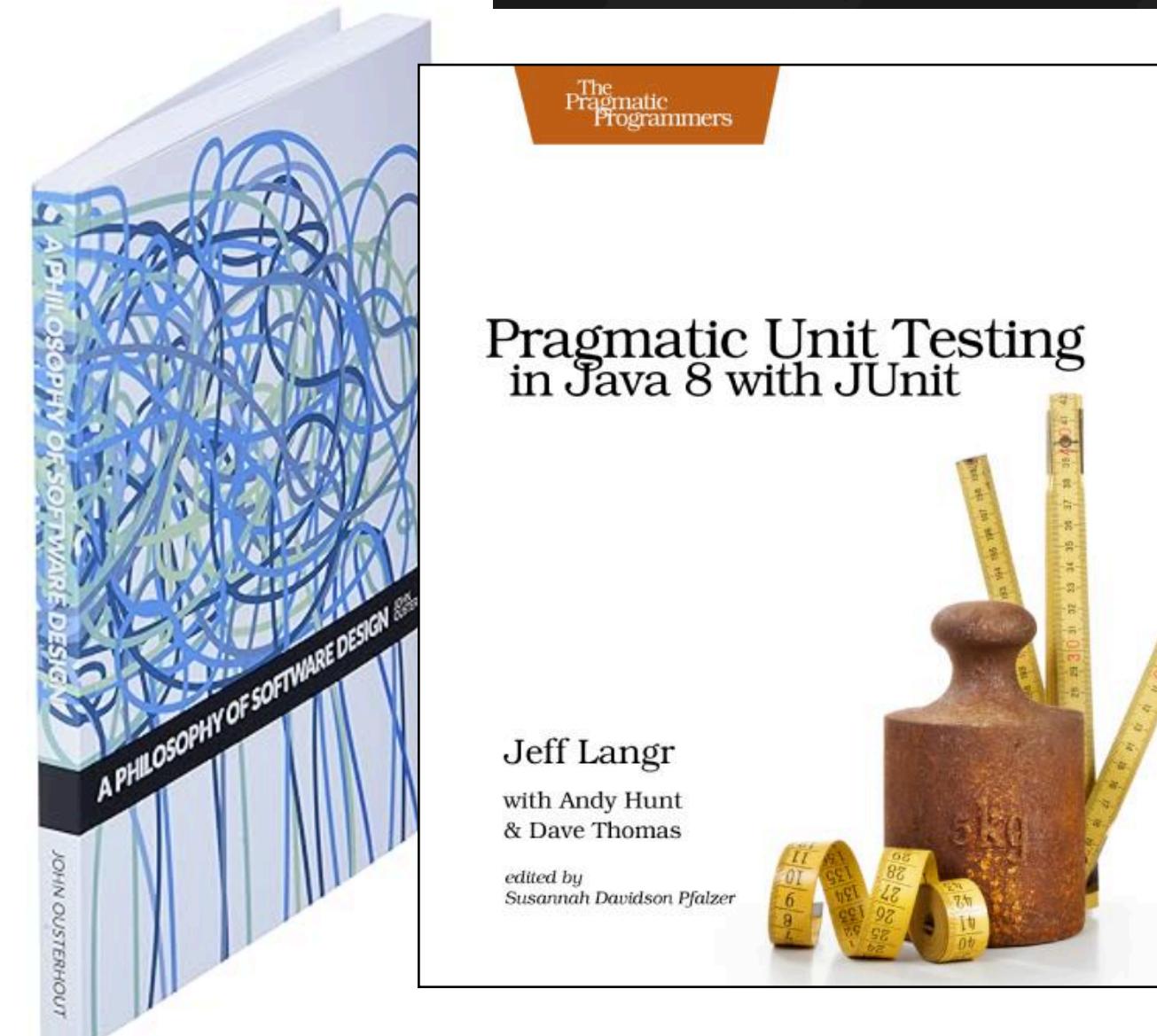
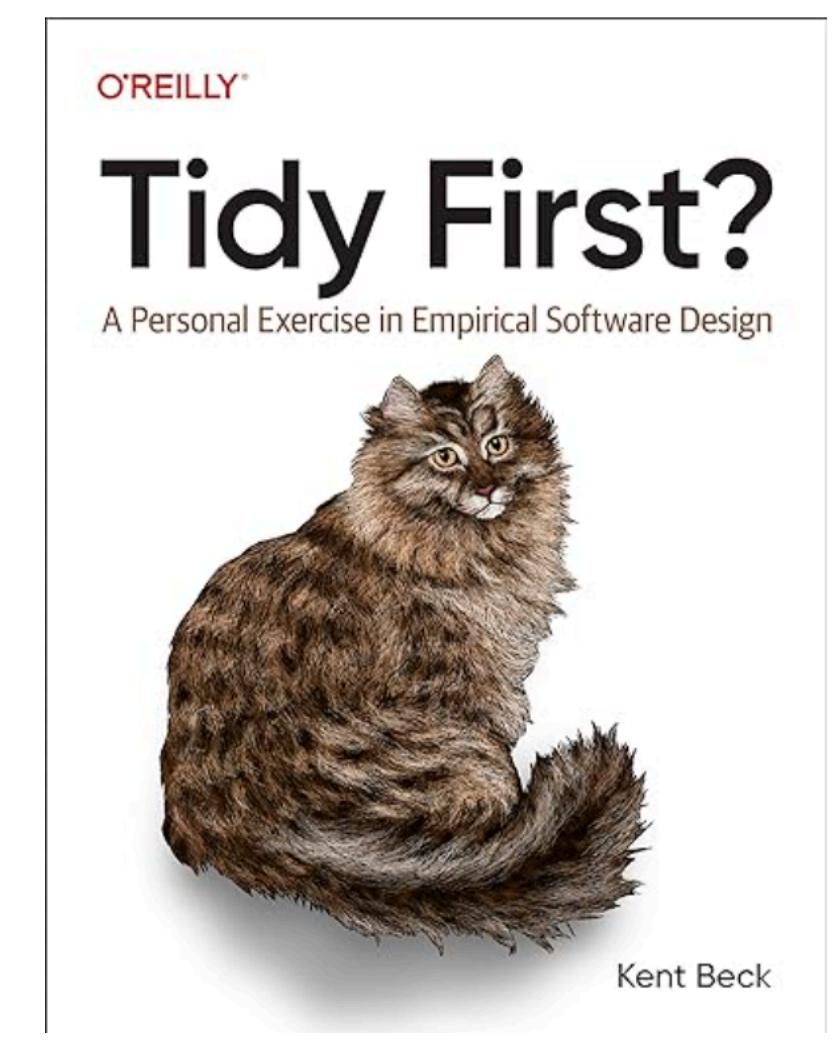




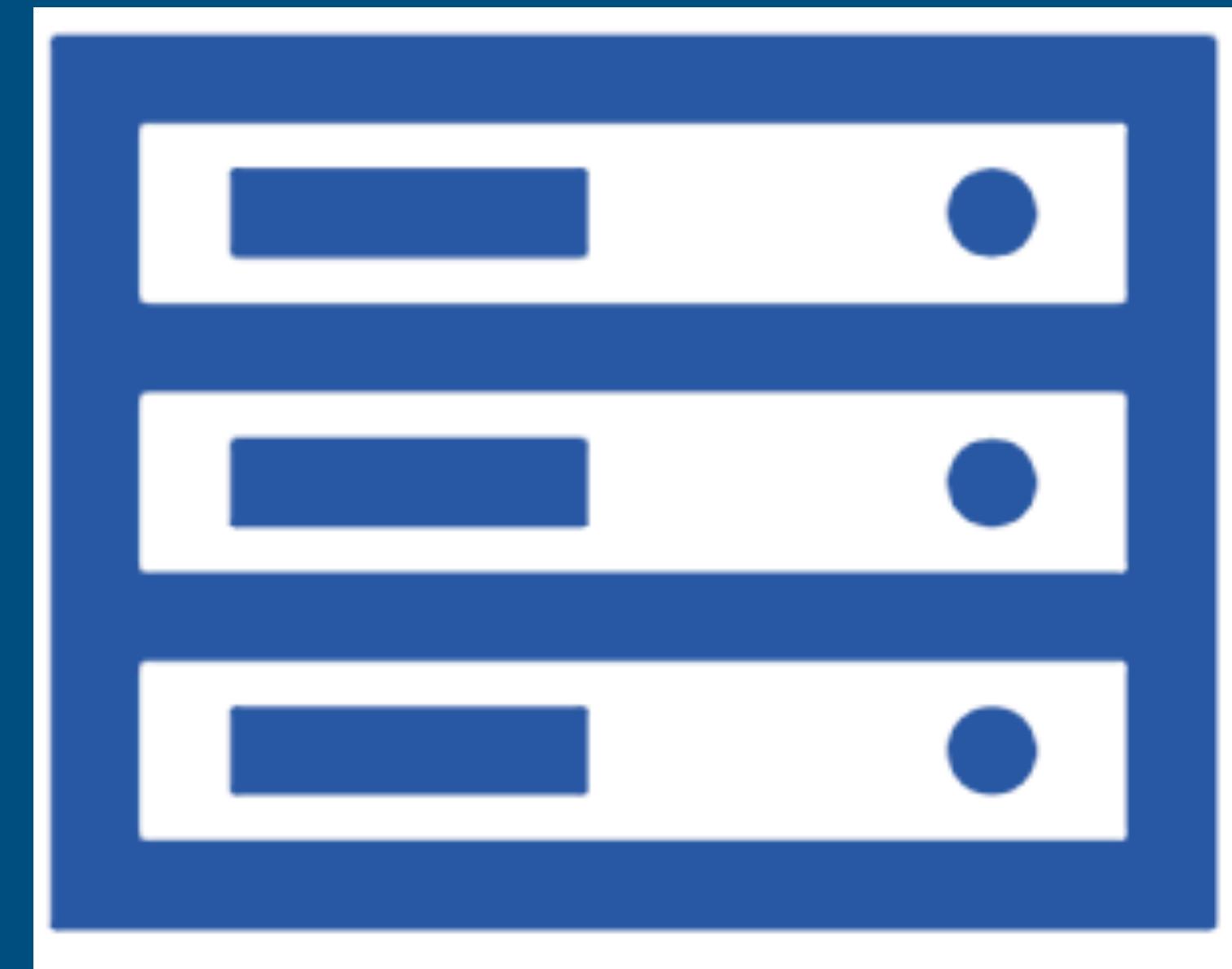




- <https://exploringjs.com/impatient-js/toc.html>
- <https://nodeweekly.com/>
- <https://javascriptweekly.com/>
- <https://frontendfoc.us/>
- <https://svelte.dev/blog>



Course Overview



Full Stack Web Development