Designing React Components

DESIGNING BETTER COMPONENTS WITH REACT

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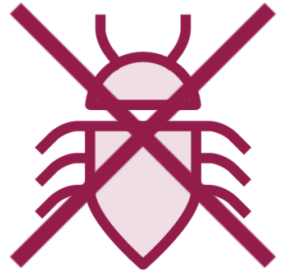
Building Better Component Based Apps

Leverage code reuse

Ensure consistency

Easy to maintain



Less bugs

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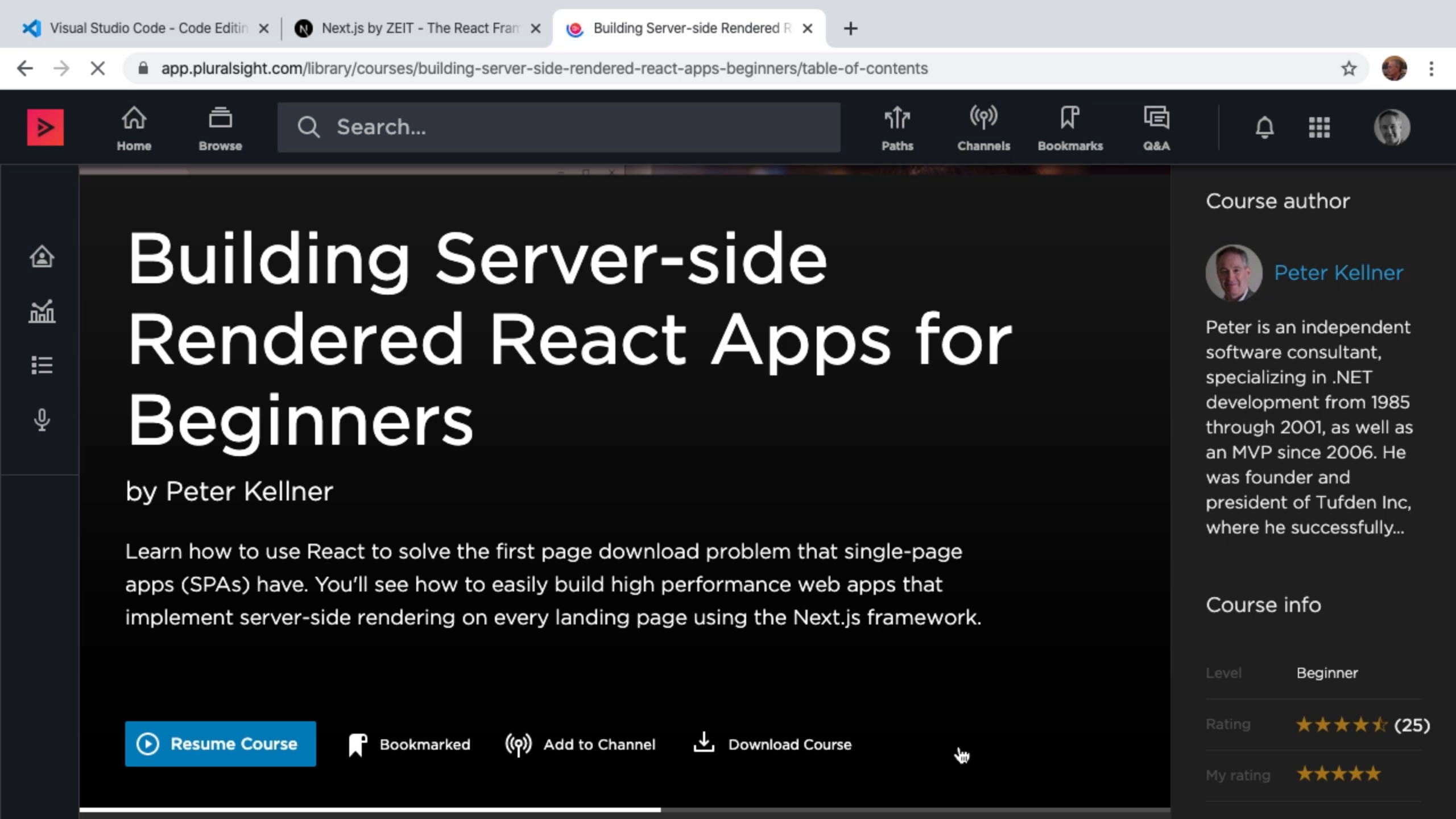

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Building Server-side Rendered React Apps for Beginners

by Peter Kellner

Learn how to use React to solve the first page download problem that single-page apps (SPAs) have. You'll see how to easily build high performance web apps that implement server-side rendering on every landing page using the Next.js framework.

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Course author

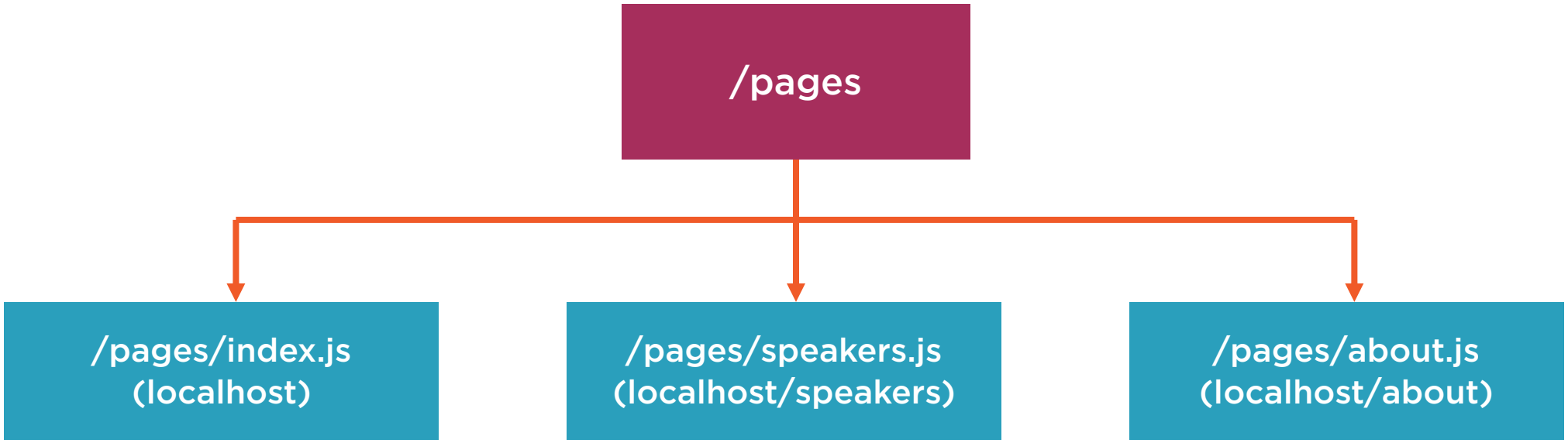
Peter Kellner

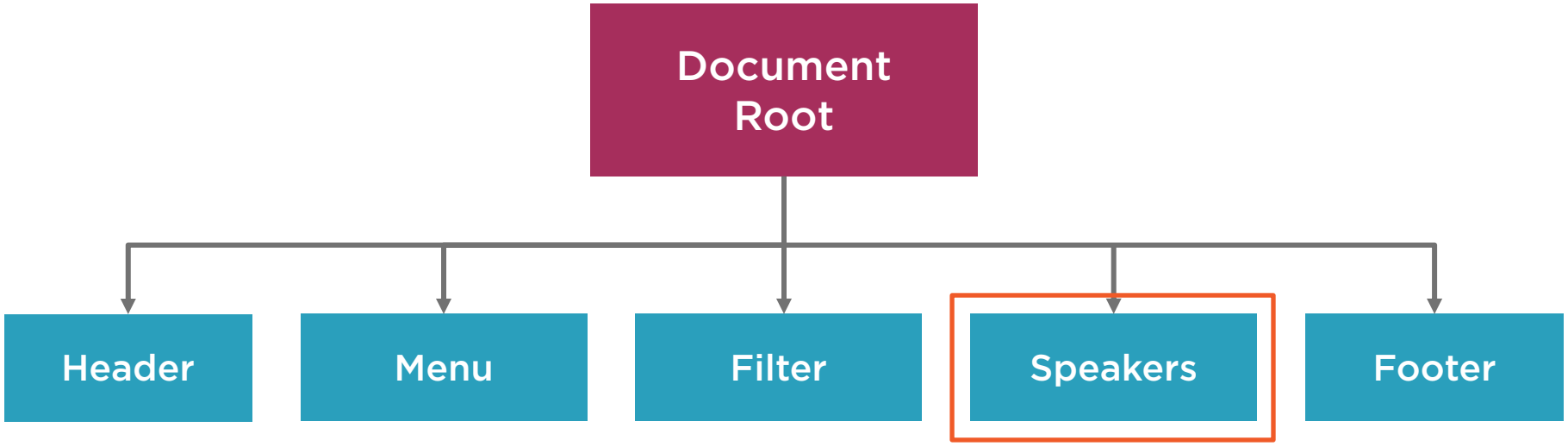
Peter is an independent software consultant, specializing in .NET development from 1985 through 2001, as well as an MVP since 2006. He was founder and president of Tufden Inc, where he successfully...

Course info

Level	Beginner
Rating	★★★★½ (25)
My rating	★★★★★

NextJS File Based Routing

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One Speaker List to Multiple Speaker Components

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Component Abstractions

HOC - Higher Order Component

RP – Render Prop

Context

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Higher Order Component (HOC)

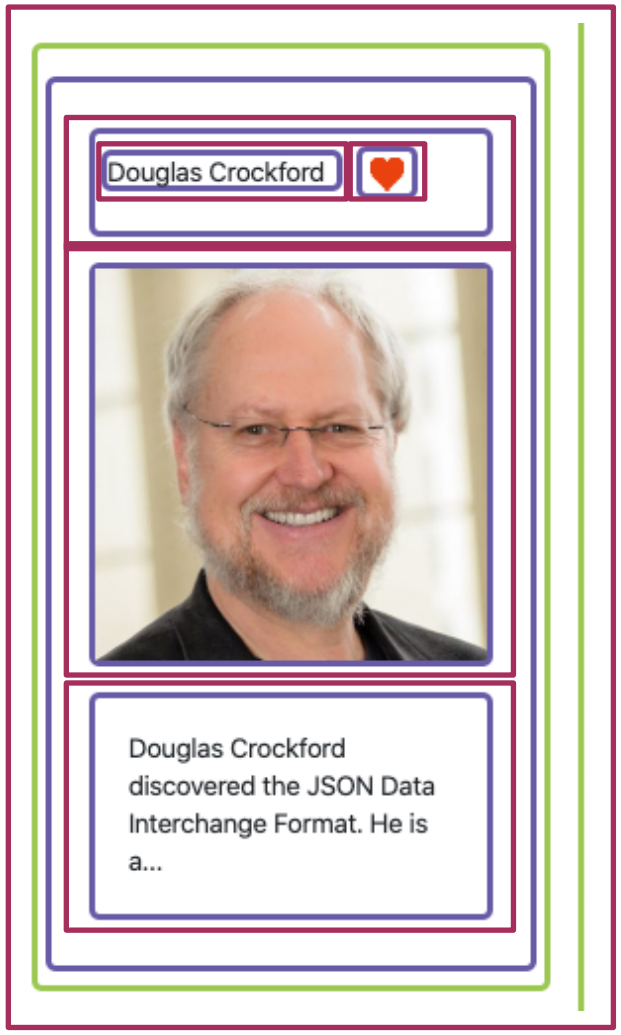
a higher-order component is a function that takes a component and returns a new component.

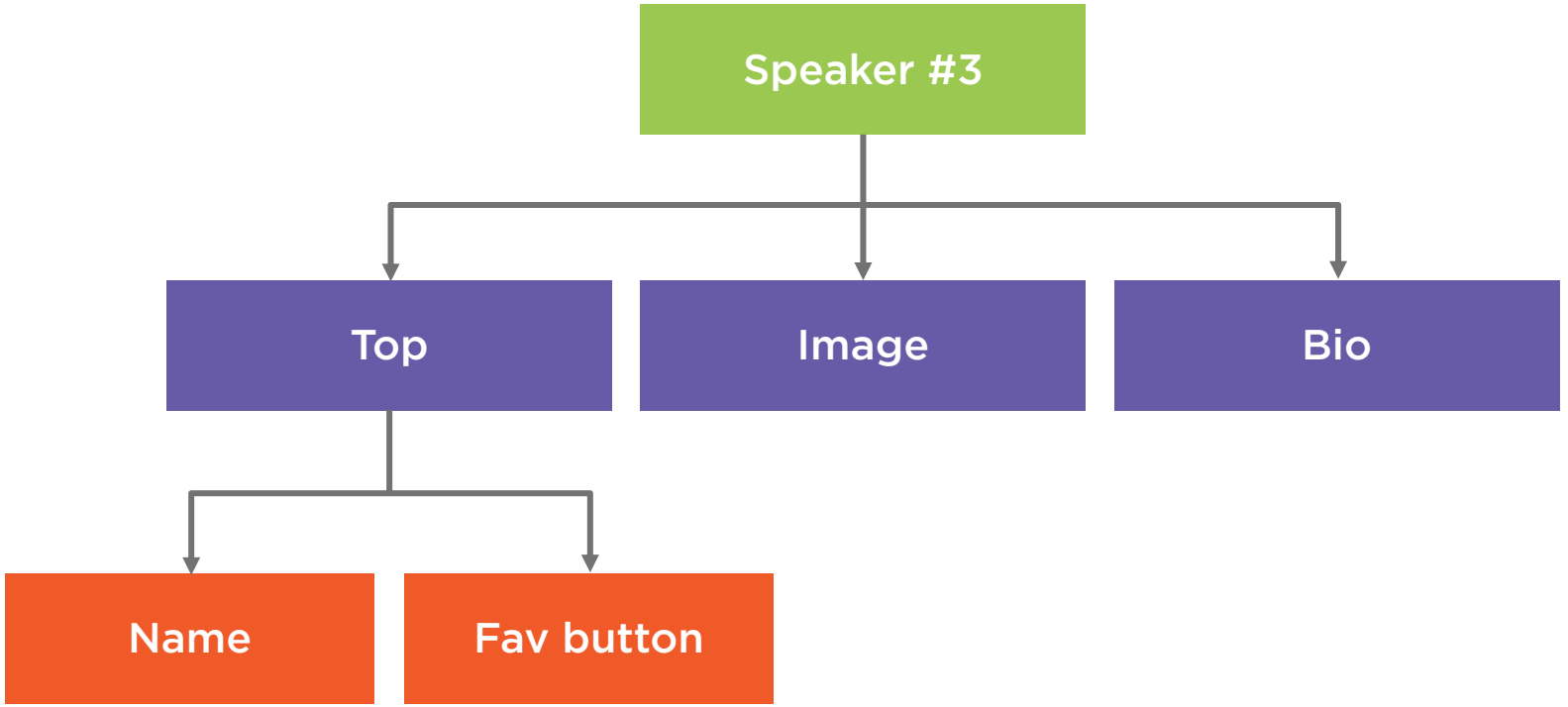
```
const EnhancedComponent =
  higherOrderComponent(WrappedComponent);
```

Render Props

A component with a render prop takes a function that returns a React element and calls it instead of implementing its own render logic.

Deeper Dive into the Speaker Component





React Context

The React Context API is designed to share data that can be considered global to all component descendants in component tree.

Takeaways and Lookaheads

Focus on HOCs, RPs and using Context

Moving forward, more production ready

REST async

REST PUT

Advanced techniques

- Optimistic UI
- Advanced error handling with REST

Debugging techniques with error boundaries