

Introduction to React





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Course Outline

- Module 1: Getting Started with React
- Module 2: Functional Components
- Module 3: Class Components
- Module 4: API, Lifecycle Methods, useEffect
- Module 5: Deployment to GitHub Pages

Module 1: Getting Started with React





Module 1: Getting Started with React

Instructor DEMO

- Writing your first React code in CodePen
- What is JSX?
- React Fragments
- Structure of a Simple React Application
- Developing applications in VS Code using Create React App

Module 2: Functional Components



Module 2: Functional Components

Instructor DEMO

- Introduction to Functional Components
- Your first Functional Component
- Destructuring props in Functional Components
- Styling React components
- Stateful functional components
- State Exercise
- Solution: State Exercise
- Event handling in React
- Rendering a list of components

Module 2: Functional Components

Instructor DEMO

- Exercise: Extracting a form into a component
- Passing state to child components as props
- Adding cards
- Refs in React
- Adding a card to a list of cards
- Deleting a card from a list of cards

Module 3: Class Components



Module 3: Class Components

Instructor DEMO

- Introduction to Javascript Classes and Class Components
- Your first Class Component
- State
- Event handling
- Solution: Rewriting WordForm
- Refs in Class Components

Module 4: API, Lifecycle Methods, useEffect



Module 4: API, Lifecycle Methods, useEffect

Instructor DEMO

- Lifecycle methods in Class Components
- Fetching API data using lifecycle methods
- UseEffect

Module 5: Deployment to GitHub Pages

