

# React JS

## 1. Welcome to React

- Obstacles and Roadblocks
- React's Future
- Working with Files
  - i. React Developer Tools
  - ii. Installation Node JS

## 2. Emerging JavaScript

- Declaring Variable in ES6
- Arrow function
- Transpiling ES6
- ES6 Objects and Arrays
- Promises
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## 3. Pure React

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- The Virtual DOM
- React Elements
- React DOM
- Children
- Constructing Elements with Data
- React Components
- DOM rendering

## 4. React with JSX

- React Elements as JSX
- Babel
- Intro to Webpack

## 5. Props, State and the Component Tree

- Property Validation
- Refs
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- State within component Tree

## 6. Enhancing Components

- Component Lifecycle
- JavaScript Library Integration
- Higher-Order Components
- Flux

## 7. Redux

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- Reducers
- The Store
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#### **8. React Redux**

- Explicitly Passing the Store
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- The React Redux Provider
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#### **9. React Router**

- Incorporating the Router
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