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# React JS Course Content

## **1. Java Script:**

- JavaScript Introduction
- Variables
- Let & const
- Arrow Functions
- Callbacks
- Scope
- ProtoType
- Ajax
- Export
- Imports
- Objects
- Arrays
- Debugging JS Code
- Map
- Filters

## **2. React Introduction**

- React Introduction
- What is DOM
- Virtual DOM
- What is JSX
- Why we use JSX in React

## **3. Environment Setup**

- Installation Of React JS
- IDE Setup
- Building React Apps

## **4. Essentials**

- React Essential Features
- Syntaxes
- Best Practices
- Coding Standards

## **5. STATE & PROPS**

- React Components
  - Building Components
  - Props And State
  - Passing Props from Parent to Child
  - Passing data from Child to parent
  - Conditional Rendering
  - React Event Handling
  - React Lists & Keys
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## 6. React Hooks

- Hooks Introduction
- useState
- useEffect
- Custom Hooks
- Rules of Hooks

## 7. Router & Forms

- React Component Life Cycle
- Route and Switch Components
- useParams Hooks
- Dynamic Routes
- React Forms
- Forms Validations
- Single Page Applications (SPA)

## 8. Styling in React JS

- What is Styling
- Styled Components
- Inline Styling
- CSS Style sheets
- CSS Modules

## 9. Redux

- REDUX Introduction
- State Management
- Redux Life cycle
- React with Redux

## 10. Important Topics

- React Error Handling
- Developer Tools
- React Profile API
- React Lazy Loading

## 11. Integrations

- Integration Introduction
- Ajax Calls
- HTTP Protocol
- HTTP Methods
- Node JS Integration
- Spring Boot Integration

## 12. Project Development

- Project Development
- Resume Preparation
- Interview Questions
- Interview Tips & Tricks

