



React JS Training Curriculum

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“Learn Basics and Advanced Front-End Web Development Skills with React JS”

About Croma Campus:

Croma Campus Training & Development Private Limited is an education platform since 2010 providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty and industry.

- Hands-On Live Projects
- Simulation Test Papers
- Industry Cases Studies
- 61,640+ Satisfied Learners
- 140+ Training Courses
- 100% Certification Passing Rate
- Live Instructor Classroom / Online Training
- 100% Placement Assistance

Course Objectives:

- Understand what React is and what problem it solves
- Gain a deeper knowledge of JSX and Redux.
- Implement unit tests for React components
- Learn best practices of using and implementing React JS.
- Go beyond the basics with routing, central state management, server-side rendering and testing.
- Write code, build real-world projects in a work-like environment and learn hands-on.
- Immersive learning with cloud labs, guided hands-on exercises, skill-based assessments and more.

Croma Campus Training Program Deliverables:

- **Session Recordings** - Original Class Room Voice & Video Recording
- **Training Material** - Soft Copy Handbooks
- **Assignments** | Multiple Hands-on Exercises
- **Test Papers** - We provide **Practice Test** as part of our course to help you prepare for the actual certification exam.
- **Live Case Studies**
- **Live Projects** - Hands-on exercises and Project work. You will work on real time industry-oriented projects and assignments for each module to practice.
- **Key focus on Hands-on exercises and Project work.** You will work on real time industry-oriented projects.
- Faculty with more than **10+ Years of Experience** in the Industry.
- **Technical Resume Designing & Job Assistance:** With more than 100+ Clients across the Globe and we help learners to get a good job in their respective field. We also help learners with resume preparation.
- **Interview Q&A**
- **About Croma Campus Training Certificate:** Croma Campus will provide you with an industry-recognized (Certified by **ISO 9001:2015 & E-Cell IIT Jodhpur**) course completion certificate which has lifelong validity.

- **How I Unlock my Croma Campus Certificate:** Attend Complete Batch & Submit at least One Completed Project.

Course Description:

ReactJS presents graceful solutions to some of front-end programming's most persistent issues. It's fast, scalable, flexible, powerful, and has a robust developer community that's rapidly growing. React JS is a new age UI (user interface) tool that is more interactive and flexible as compared to most other tools. It comprises of components which are re-usable and easy to use.

Our React JS Training Course will help you master the fundamentals of React—an important web framework for developing user interfaces—including JSX, props, state, and events. This training course dives into Redux, covering topics like reducers, actions, and the state tree.

You will learn how to use ReactJS and the Redux library to create next gen web applications. It covers all the practical aspects of developing with React, managing data and server communication with Redux.

Our faculty members are fully aware of industry requirements and ready to deliver full-fledged and industrial based Training to students across India. We provide our students with a perfect platform to learn and explore the subject from corporate trainers & industry experts.

Our React JS Training Course at Croma Campus is designed as per the Industrial trends with 100% Job Assistance. We have a team of highly experienced professionals' faculties with more than 12 years of experience in React JS and other related Technologies.

So, hurry up and join us before it is too late!

Course Content:

Module 1: Introduction of React.JS

- Audience
- Pre-requisites
- About React
- Features
- Advantages
- Limitations

Module 2: Environment Setup

- Create of Root Folder
- Install Global Packages
- Add Dependencies and Plugins
- Create the Files
- Set Compiler, Server and Loaders
- html
- JSX and Main.js
- Running the Server

Module 3: JSX

- What is JSX?
- Using JSX
- Nested Elements
- Attributes
- JavaScript Expressions
- Styling
- Components
- Naming Convention

Module 4: Components

- Stateless
- State full

Module 5: State

- What is State?
- Props

Module 6: Props Overview

- Using Props
- Default Props
- State and Props

Module 7: Props Validation

- Validating Props

Module 8: Component API

- Set State
- Force Update
- Find DOM Node

Module 9: Component Life Cycle

- Lifecycle Methods

Module 10: Forms

- Simple
- Complex

Module 11: Events

- Simple
- Child

Module 12: Refs

- What is Refs?

- Using Refs

Module 13: Keys

- What are Keys?
- Using Keys

Module 14: Router

- Install a React Router
- Add a Router
- Create Components

Module 15: Flux Concept

- What is Flux?
- Flux Elements
- Flux Props

Module 16: Using Flux and REDUX

- Install REDUX
- Creating Components
- Working with States
- Composing Components
- Actions
- Event Handlers
- Reducers
- Store
- Root Component
- Other Components
- Unit Testing – Tools, React, REDUX

Module 17: Animations

- Install React CSS Transitions Group
- Add a CSS File
- Appear Animation
- Enter and Leave Animations

Module 18: Higher-Order Components

- What is Higher-Order Component?