



Brosis Technologies

React JS Course



 8003053217

 67 -A, 2ND FLOOR,
Opp. A One Bakers, New Sanganer Rd,
Devi Nagar, Sodala, Jaipur,
Rajasthan 302019



React Js Training Course

Key Features



Trainer :



Job Oriented Training



100% placement Assistance



Experience :



Hands on Live Project



Project hosting on server



Small batches



Affordable fees



Daily assignments



Duration :

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➤ Understanding HTML4 & HTML5

- What is Markup Language
- Basic Structure of HTML
- Head Section and Elements
- Meta Tags
- External Link Tags
- HTML Structure Tags
- Create Table, Div and Frame Tag
- Content and Header Tags
- Paragraph, Span, Pre Tags
- Anchor Links and Named Anchors
- Object, IFrame and Image Tag
- Implementing iFrame in Real-time
- Working with Forms
- Form Tag and Attributes
- POST and GET Method
- Text Input, Text Area, Checkbox and Radio
- Password Field
- Select Option, Option Group
- File Field and Hidden Fields
- Submit, Reset, Image Buttons
- Relation between HTML Form and PHP
- XHTML
- What is XHTML
- Difference between HTML & XHTML
- XHTML Basics
- Introduction to Doc Types
- XHTML Validation
- HTML5 (Latest Version)
- Introduction to HTML5
- Whats new in HTML5
- HTML5 Apis
- HTML5 Semantic Tag
- HTML5 Multimedia
- Search, Email and Url Tel Input

➤ Cascading Style Sheets (CSS2 & CSS3)

- Introduction to Cascading Style Sheets
- Types of Style Sheets
- Media Type
- Default CSS Properties
- Types of CSS Selectors
- Adjacent Sibling Selector
- Other Selectors
- CSS properties
- Type Properties
- Background Properties
- Block Properties
- Box Model Properties
- List Properties
- Border Properties
- Positioning Properties
- CSS Optimization Tips
- CSS Compression
- (CSS 3.0 – Latest Version)
- Introduction to CSS 3
- Basic CSS3 Selectors
- Advanced CSS3 Selectors
- New CSS3 Properties
- CSS Rounded Corners
- Border Image
- Box and Text Shadow
- Multiple Backgrounds
- Background Origin
- Background Resize
- CSS Clip, Gradients, Opacity
- Transitions & Transform

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➤ **React Introduction**

- What is React JS?
- React JS Architecture
- React JS Terminology
- Setting up Development Environment
- IDE Extension for React JS Development - VS Code, Sublime, Atom
- NPM and Node Introduction
- React JS Installation
- Developing Simple Angular App

➤ **JavaScript for React JS Coding - Programming Language**

- Variables in JavaScript
- Const in JavaScript
- let vs var in JavaScript
- Operators in JavaScript
- Assignments in JavaScript
- Control Statements - If Else
- Control Statements - If Else If
- Control Statements - For Loop
- Control Statements - While Loop
- Control Statements - Switch Cases
- JavaScript Functions
- Arrow Functions in JavaScript
- ES6 Concepts
- JavaScript Objects
- JavaScript Classes
- Constructor and Desctructor
- Promises
- Fetch
- Template Literals

➤ **React Components**

- Component Introduction
- Introduction to JSX
- Building First Component
- Types of Components
- Component Architecture
- Functional Components
- Render Function
- States and Props
- Class Component
- Render Method
- Component Lifecycle
- Parent and Child Components
- Nested Components

➤ **States in React JS**

- React State Introduction
- State Creation
- Accessing States and SetState
- Passing State to another Components
- Using State in Functional Components
- Using State in Class Components
- React Hooks
- UseStates

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- useEffect
- useContext

- React Advance State Management
- Custom Hooks

➤ Props in React JS

- React Props Introduction
- Accessing Props in Components
- propTypes for Props Validation

- Props Default Value
- Rendering Props using Maps

➤ React Event Handling

- Event Handling Introduction
- Event Handling Function
- Event Object
- preventDefaults

- Passing Parameters to the Event Function
- Binding Events the Component
- Different Binding Types
- Synthetic Events

➤ JSX and Styling in React

- JSX Introduction
- JSX and HTML Difference
- JSX Elements
- JSX Attribute Difference
- Closing Tags in JSX
- Fragments

- Inline Styling
- Styling in React
- CSS Stylesheet
- Style Import
- Using Bootstrap in React

➤ React Forms

- Forms Introduction
- Basic Form Creation
- Controlled Components
- Uncontrolled Components
- Default Value

- Form Input Value Change
- Form Submit
- Data Validation in Form
- React ref Props

➤ React Router

- Router Setup
- React-Routers Introduction
- react-routers features
- Single Page Application

- HashRouter
- BrowserRouter
- Route Configuration
- Switch Components

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- Route Params
- Nested Routes
- Page Navigations

- NavLink and Link Components
- Route Redirect
- Pathless Routes

➤ React Redux

- React Redux Introduction
- React Redux Installation
- React Redux Setting
- Container Components
- Presentational Components
- High Order Components
- Redux Architecture
- Redux Action
- Redux Reducers

- Redux Store
- Principles of Redux
- Redux Middleware Introduction
- Redux Middleware Choice
- Redux Sagas
- Saga Helpers
- Promises versus Sagas
- Generators in Redux-Saga
- Saga Methods()

➤ Data Fetching using GraphQL

- GraphQL Introduction
- REST API Approach
- Disadvantages of REST API
- Advantages of GraphQL
- GraphQL Architecture
- Datatypes in GraphQL

- Modifiers
- Schema
- GraphQL API Building
- Apollo Client Introduction
- Apollo Client Setup

➤ Database

- MySQL Introduction
- MySQL Installation
- MySQL Administration
- MySQL PHP Syntax
- MySQL Connection
- MySQL Create Database
- MySQL Drop Database
- MySQL Select Database
- MySQL Datatype
- MySQL Create Table

- MySQL Drop Table
- MySQL Insert Query
- MySQL Select Query
- MySQL Where Clause
- MySQL Update Query
- MySQL Delete Query
- MySQL Like Clause
- MySQL Sorting Results
- MySQL Using Join
- MySQL Null Values

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- MySQL Regexps
- MySQL Transactions
- MySQL Alter Command
- MySQL Indexes
- MySQL Temporary Tables
- MySQL Clone Table
- MySQL Database Info
- MySQL Using Sequences
- MySQL Handling Duplicates
- MySQL SQL Injection
- MySQL Database Exports
- MySQL Database Import

Interview and Live Project Internship



❖ Final - MODULE Training Certification Round

- ✓ BroSis Technologies Certified Expert
- ✓ Job Placement Available in 6+6 months course programme

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Digital Marketing

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(Flipkart, Amazon, etc..)
- Photoshop

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(Sales Force, DevOps)



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