



6 MONTHS WEB DEVELOPMENT WITH REACT.JS

LET'S BEGIN YOUR CAREER IN WEB DEVELOPMENT WITH REACT.JS AT DREAMER INFOTECH IN FARIDABAD. AT DREAMER INFOTECH YOU WILL BE OFFERED VARIOUS PROGRAMS BUT THE INSTRUCTORS MAKE THE DIFFERENCE AND MAKE DREAMER INFOTECH STAND OUT FROM OTHERS.



HTML

1. INTRODUCTION TO HTML

- What is HTML?
- HTML versions and history
- HTML elements and tags
- Attributes and values

2. BASIC HTML STRUCTURE

- Document type declaration
- HTML, head, and body tags
- Meta tags
- Title tag
- Text editors

3. HTML TAGS

- Headings
- Paragraphs
- Formatting tags
- Lists
- Tables
- Forms

- Links
- Images
- Audio and video
- Semantic HTML



CSS

1. INTRODUCTION TO CSS

- What is CSS?
- Types of CSS
- CSS syntax
- CSS selectors

2. CSS PROPERTIES

- Text properties
- Font properties
- Color properties
- Background properties
- Border properties
- Box model
- Positioning properties
- Display property

3. CSS LAYOUT

- Float and clear properties
- CSS positioning
- CSS Flexbox
- CSS Grid

4. RESPONSIVE WEB DESIGN

- Media queries
- Viewport meta tag
- Responsive images and videos
- Animations and transitions
- CSS filters

5. CSS FRAMEWORK

- Bootstrap framework



JAVASCRIPT

1. INTRODUCTION TO JAVASCRIPT

- What is JavaScript?
- History and versions of JavaScript
- JavaScript syntax and data types
- Variables, constants, and operators

2. CONTROL STRUCTURES

- Conditional statements (if, else, switch)
- Loop statements (for, while, do while)
- Break and continue statements

3. FUNCTIONS

- Defining and invoking functions
- Function parameters and arguments
- Function return values
- Anonymous functions and closures

4. JAVASCRIPT OBJECTS

- Creating objects
- Object properties and methods

- Constructor functions
- Prototypes and inheritance

5. JAVASCRIPT EVENTS

- Event listeners and handlers
- Mouse events
- Keyboard events

6. DOCUMENT OBJECT MODEL (DOM)

- Accessing and manipulating HTML elements
- DOM navigation and manipulation
- Creating and removing HTML elements

7. JQUERY LIBRARY

- Introduction to jQuery
- DOM manipulation with jQuery
- Event handling with jQuery
- AJAX with jQuery

8. OOPS

- Class
- Objects
- Inheritance

9. ES6

- Template Literal
- Arrow Function
- Spread & Rest operator
- Destructuring
- Hoisting
- Closures
- Event loop
- Modules

8. ASYNCHRONOUS JAVASCRIPT

- Promises and async/await
- AJAX and JSON
- Fetch API

REACT JS

1. INTRODUCTION TO REACT.JS

- What is React.js?
- History and evolution of React.js
- React.js components and their role in building web applications
- Setting up the development environment

2. JSX

- Introduction to JSX
- Basic syntax and rules of JSX
- Embedding expressions in JSX
- Conditional rendering in JSX
- Working with lists in JSX

3. REACT COMPONENTS

- Understanding components
- Creating class components
- Creating functional components
- Props and state in React components
- Lifecycle methods in React components

4. REACT EVENTS

- Handling events in React
- Binding event handlers in React
- Passing data to event handlers in React
- Conditional rendering based on events in React

5. REACT FORMS

- Creating forms in React
- Handling form submission in React
- Controlled and uncontrolled components in React

6. REACT ROUTING

- Introduction to React Router
- Setting up routing in React
- Creating routes in React
- Nested routes in React

7. REACT HOOKS

- Introduction to React hooks
- useState hook in React

- useEffect hook in React
- Custom hooks in React

8. REDUX

- Introduction to Redux
- Actions and reducers in Redux
- Working with Redux store in React
- Connecting React components to the Redux store



AFTER COMPLETING WEB DEVELOPMENT WITH REACT.JS

- 01 20+ Plus Assignment
- 02 Works On 5+ Live Projects
- 03 Resume Building
- 04 Interview Preparation
- 05 Mock Interviews
- 06 Interviews



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