

HTML Prerequisites:

Basic Structure:

Understanding of HTML document structure (<!DOCTYPE html>, <html>, <head>, <body>).

Knowledge of common HTML tags (<div>, , <header>, <footer>, etc.).

Forms:

Familiarity with form elements (<input>, <select>, <textarea>, <button>) and form handling.

Semantic HTML:

Usage of semantic tags like <article>, <section>, <nav>, <aside>, etc.

Attributes:

Understanding how to use and manipulate HTML attributes (class, id, href, src, alt, etc.).

CSS Prerequisites:

Selectors:

Basic selectors (.class, #id, element) and combinators (>, +, ~, etc.).

Box Model:

Understanding of the CSS box model (content, padding, border, margin).

Flexbox and Grid:

Familiarity with Flexbox and CSS Grid for layout design.

Responsive Design:

Knowledge of media queries and responsive design techniques.

Styling Basics:

Ability to style text, backgrounds, borders, and manage spacing (padding, margin).

CSS Classes:

Usage of classes to apply styles to elements, understanding specificity.

JavaScript Prerequisites:

Basic Syntax:

Variables (let, const, var), data types (strings, numbers, arrays, objects), and operators.

Functions:

Understanding how to define and invoke functions, and the difference between function declarations and expressions.

DOM Manipulation:

Ability to select elements, modify content, and apply styles using JavaScript.

Event Handling:

Knowledge of how to attach event listeners and handle events like click, submit, input, etc.

ES6+ Features:

Familiarity with modern JavaScript features such as:

Arrow functions `()=>{ }`.

Destructuring arrays and objects.

Template literals ``${ }``.

Spread and rest operators `(...)`.

Modules (import/export).

Asynchronous JavaScript:

Basics of `setTimeout`, `setInterval`, `Promise`, and `async/await`.

→ Additional Useful Skills:

Version Control (Git):

Understanding of basic Git commands and workflow, especially when working on larger projects.

Package Management:

Familiarity with npm or yarn for managing libraries and dependencies.

JavaScript Framework Basics:

Understanding of basic concepts of JavaScript frameworks/libraries (even if not directly related to React) like component-based architecture.

Having a strong foundation in these areas will make learning and working with ReactJS much smoother.