

## **15 Days - Fundamentals of Web Development**

### ***Module 1: Introduction to Web Development (1 Day)***

- Overview of web development: Frontend, Backend, Full Stack
- Tools and setup: VS Code, Browser Dev Tools, Git

### ***Module 2: HTML Basics (3 Days)***

- Structuring web pages with HTML
- Semantic HTML and best practices

### ***Module 3: CSS Basics (3 Days)***

- Styling web pages
- CSS Selectors, Box Model, and Flexbox

### ***Module 4: Introduction to JavaScript (5 Days)***

- Basics: Variables, Loops, Functions, and Events
- DOM Manipulation

### ***Module 5: Mini Project (3 Days)***

- Create a static website

## **30 Days - Frontend Development**

### ***Includes All 15-Day Modules***

### ***Module 6: Advanced CSS (5 Days)***

- CSS Grid, Media Queries, and Responsive Design
- Introduction to CSS Frameworks (Bootstrap/Tailwind CSS)

### ***Module 7: JavaScript Advanced Concepts (5 Days)***

- ES6 Features (Arrow Functions, Classes, Promises)
- Event Listeners and Error Handling

### ***Module 8: Introduction to Version Control (Git) (2 Days)***

- Setting up Git and GitHub
- Basic commands and collaboration

### ***Module 9: Introduction to Frontend Frameworks (React.js) (5 Days)***

- Understanding Components and JSX
- State and Props

### ***Module 10: Intermediate Project (3 Days)***

- Responsive website with interactive features