

## Month 1: HTML, CSS, and Basic JavaScript

### Week 1: HTML Basics

Day 1-2: Learn HTML document structure and tags (head, body, paragraphs, links).

Day 3-4: Work with lists, images, and forms (input, buttons, select).

Day 5-6: Learn about semantic HTML elements (article, section, header, footer).

### Week 2: CSS Basics

Day 1-2: Learn CSS syntax, selectors, and how to style text (color, fonts, size).

Day 3-4: Understand the box model (margins, padding, borders). Day 5-6: Practice layout techniques with basic positioning (static, relative, absolute).

### Week 3: Responsive Design and Layouts

Day 1-2: Learn Flexbox for creating flexible layouts.

Day 3-4: Dive into CSS Grid for building complex layouts.

Day 5-6: Learn media queries for making designs responsive across devices.

### Week 4: Introduction to JavaScript

Day 1-2: Learn basic JavaScript syntax (variables, data types, operators).

Day 3-4: Study control structures (if/else, loops).

Day 5-6: Learn about functions, scope, and simple DOM manipulation (e.g., alert and console).

## Month 2: Intermediate JavaScript, DOM Manipulation, and Projects

### Week 1: DOM Manipulation

Day 1-2: Learn how to select and modify DOM elements (getElementById, querySelector).

Day 3-4: Add event listeners (e.g., click, input).

Day 5-6: Create a simple interactive project (e.g., a to-do list with JavaScript).

### Week 2: Intermediate JavaScript Concepts

Day 1-2: Learn about arrays and objects.

Day 3-4: Study higher-order functions (map, filter, reduce).

Day 5-6: Introduction to asynchronous JavaScript (callbacks, promises).

### Week 3: Working with APIs and Advanced JavaScript

Day 1-2: Learn how to make API requests with the fetch method.

Day 3-4: Handle API responses (parse JSON, error handling).

Day 5-6: Build a small project (e.g., a weather app using an API).

### Week 4: Final Project & Portfolio

Day 1-3: Plan and start your portfolio project (e.g., personal website or interactive web page).

Day 4-5: Finalize the project, focusing on adding interactivity with JavaScript.

Day 6: Learn basic Git and upload your project to GitHub.