Overview

Month 1: HTML & CSS

- **Week 1-2:** HTML Basics
- **Week 3-4:** CSS Basics

Month 2: JavaScript

- **Week 5-6:** JavaScript Basics
- **Week 7-8:** Advanced JavaScript

Month 3: React JS

- **Week 9-10:** React Basics
- **Week 11-12:** Advanced React and Projects

Projects

- **End of Month 1:** Personal Portfolio Website
- **End of Month 2:** JavaScript Game or Interactive App
- **End of Month 3:** React JS Application

Month 1: HTML & CSS

Week 1: HTML Basics

- **Day 1-2:** Introduction to HTML, Elements, and Structure
  - [HTML Elements Reference](#)
- **Day 3-4:** Text Formatting Tags, Lists
  - HTML Text Formatting
- **Day 5-6:** Links, Images, and Tables
  - HTML Links
  - HTML Images
  - HTML Tables
- **Day 7:** Forms and Input Elements
  - HTML Forms

Week 2: HTML Advanced and CSS Basics

- **Day 8-9:** Semantic HTML, Block and Inline Elements
  - [Semantic HTML](#)
- **Day 10-11:** Introduction to CSS, Selectors, and Properties

- o [CSS Basics](#)
- **Day 12-13:** Box Model, Margins, Padding, and Borders
  - o CSS Box Model
- **Day 14:** Flexbox Basics
  - o CSS Flexbox

Week 3: Advanced CSS

- **Day 15-16:** CSS Grid Basics
  - o CSS Grid
- **Day 17-18:** Responsive Design and Media Queries
  - o [Responsive Design](#)
- **Day 19-20:** CSS Transitions and Animations
  - o CSS Transitions
- **Day 21:** CSS Variables and Custom Properties
  - o [CSS Variables](#)

Week 4: HTML & CSS Project

- **Day 22-28:** Build a Personal Portfolio Website
  - o Use HTML, CSS, and Responsive Design principles

Month 2: JavaScript

Week 5: JavaScript Basics

- **Day 29-30:** Introduction to JavaScript, Variables, and Data Types
  - o [JavaScript Basics](#)
- **Day 31-32:** Operators, Expressions, and Conditionals
  - o JavaScript Operators
- **Day 33-34:** Functions and Scope
  - o JavaScript Functions
- **Day 35:** Arrays and Loops
  - o [JavaScript Arrays](#)
  - o JavaScript Loops

Week 6: DOM Manipulation

- **Day 36-37:** Document Object Model (DOM) Introduction
  - o [DOM Introduction](#)
- **Day 38-39:** Selecting and Manipulating Elements
  - o DOM Manipulation
- **Day 40-41:** Event Handling
  - o JavaScript Events
- **Day 42:** Basic Form Validation

- o [Form Validation](#)

Week 7: Advanced JavaScript

- **Day 43-44:** Objects and Prototypes
  - o [JavaScript Objects](#)
- **Day 45-46:** ES6 Features: Let, Const, Arrow Functions
  - o ES6 Features
- **Day 47-48:** Promises and Async/Await
  - o [JavaScript Promises](#)
- **Day 49:** Fetch API and AJAX
  - o [Fetch API](#)

Week 8: JavaScript Project

- **Day 50-56:** Build a JavaScript Game or Interactive App
  - o Examples: Tic-Tac-Toe, To-Do List, Quiz App

Month 3: React JS

Week 9: React Basics

- **Day 57-58:** Introduction to React, JSX
  - o React Introduction
- **Day 59-60:** Components and Props
  - o React Components
- **Day 61-62:** State and Lifecycle Methods
  - o React State
- **Day 63:** Handling Events in React
  - o React Handling Events

Week 10: Advanced React

- **Day 64-65:** Forms and Controlled Components
  - o React Forms
- **Day 66-67:** React Router for Navigation
  - o [React Router](#)
- **Day 68-69:** Managing State with Context API
  - o React Context
- **Day 70:** Introduction to Redux (optional)
  - o Redux Introduction

Week 11: React Hooks

- **Day 71-72:** Introduction to Hooks: useState and useEffect

- React Hooks
- **Day 73-74:** Custom Hooks
  - Custom Hooks
- **Day 75-76:** useContext and useReducer
  - useContext
  - useReducer
- **Day 77:** Optimizing React Performance
  - React Performance

Week 12: React Project

- **Day 78-84:** Build a React Application
  - Examples: Weather App, Blog, E-commerce App

Final Project (Day 85-100)

- **Day 85-100:** Capstone Project: Full-Stack Application
  - Combine HTML, CSS, JavaScript, and React
  - Example: Personal Blog with Backend, Task Manager, Portfolio Site with Contact Form