

# 60-Day Frontend Developer Roadmap Plan

## 20-DAY HTML + CSS PLAN (4 HRS/DAY)

### ◆ Week 1 – HTML Foundations (Days 1–7)

**Goal:** Understand structure, elements, and semantics.

**Topics:**

- Day 1: What is HTML, structure of a web page, basic tags (<h1>, <p>, <a>, <img>, etc.)
- Day 2: Lists, tables, forms, and input types
- Day 3: Semantic HTML (<header>, <footer>, <article>, <section>, <nav>)
- Day 4: Multimedia (<img>, <audio>, <video>, <iframe>, <canvas>)
- Day 5: Attributes, links, and file paths
- Day 6: Project 1 — *Personal Portfolio + Photo Album*
- Day 7: Revision + practice

**Important:-** You don't have to learn everything; just write down what you need to know and use it like a senior developer. You only need to know how things work and be able to fix them in the AI age. Get smarter and grow faster.

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## ◆ Week 2 – CSS Fundamentals (Days 8–14)

**Goal:** Learn styling, colors, layouts, and selectors.

**Topics:**

- Day 8: CSS syntax, selectors, colors, and units
- Day 9: Box Model (margin, padding, border, content)
- Day 10: Typography, text, fonts, icons
- Day 11: Backgrounds, gradients, shadows, and borders
- Day 12: Display, position, overflow, z-index
- Day 13: Flexbox – responsive alignment & layout building
- Day 14: Project 2 — *Portfolio styling with Flexbox*

## ◆ Week 3 – Advanced CSS (Days 15–20)

**Goal:** Learn modern layout techniques & responsive design.

**Topics:**

- Day 15: CSS Grid basics and properties
- Day 16: Responsive design (media queries, breakpoints)
- Day 17: Transitions, transforms, and animations
- Day 18: CSS variables, pseudo-classes & pseudo-elements
- Day 19: Mini Project — *Landing Page with Flexbox & Grid*
- Day 20: Complete **Portfolio project** and **Photo album project** using CSS

# 60-Day Frontend Developer Roadmap Plan

## ⚡ 40-DAY JAVASCRIPT PLAN (4 HRS/DAY)

### ◆ Week 1 – JS Fundamentals (Days 1–7)

**Goal:** Understand syntax, variables, and data types.

**Topics:**

- Day 1: What is JS, linking JS to HTML, console
- Day 2: Variables (`let`, `const`, `var`), data types
- Day 3: Operators & expressions
- Day 4: Conditional statements (`if`, `else`, `switch`)
- Day 5: Loops (`for`, `while`, `do-while`)
- Day 6: Functions (declaration, expression, arrow functions)
- Day 7: Practice — *Mini Calculator App*

### ◆ Week 2 – Arrays, Objects & DOM (Days 8–14)

**Goal:** Learn to work with data and manipulate the DOM.

**Topics:**

- Day 8: Arrays & array methods (`map`, `filter`, `reduce`)
- Day 9: Objects & nested structures
- Day 10: DOM intro — selecting & modifying elements
- Day 11: Events & Event Listeners
- Day 12: Forms, validation, and event handling
- Day 13: Mini Project — *Todo App (Local Storage)*
- Day 14: Revision + practice

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## ◆ Week 3 – Intermediate JS (Days 15–21)

**Goal:** Learn scope, hoisting, and deeper JS concepts.

**Topics:**

- Day 15: Scope & closures
- Day 16: Hoisting, execution context
- Day 17: Callbacks, promises, async/await
- Day 18: Fetch API & working with JSON
- Day 19: Error handling & debugging
- Day 20: Project — *Weather App (API-based)*
- Day 21: Recap & deep practice

## ◆ Week 4 – Advanced JS Concepts (Days 22–28)

**Goal:** Strengthen core understanding & modular coding.

**Topics:**

- Day 22: ES6+ features (destructuring, spread/rest, template literals)
- Day 23: Modules & imports/exports
- Day 24: Object-oriented JS (classes, constructors)
- Day 25: DOM manipulation with dynamic elements
- Day 26: LocalStorage & sessionStorage
- Day 27: Project — *Notes App with LocalStorage*
- Day 28: Review + quiz

# 60-Day Frontend Developer Roadmap Plan

## ◆ Week 5 – DOM Projects (Days 29–35)

**Goal:** Build real, interactive projects.

**Projects:**

- Day 29: *Color Picker*
- Day 30: *Digital Clock*
- Day 31: *Quiz App*
- Day 32: *Expense Tracker*
- Day 33: *Random Joke Generator*
- Day 34: *Music Player UI*
- Day 35: *Typing Speed Game*

## ◆ Week 6 – Final Phase (Days 36–40)

**Goal:** Combine everything you learned into solid projects.

**Projects:**

- Day 36–38: *Portfolio Website (with JS interactions)*
- Day 39: *Mini E-commerce Product Page*
- Day 40: *Final Review + GitHub Deployment*

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## Final Outcome:

By the end of 60 days (4 hrs/day), you'll have:

- ✓ Strong command over HTML, CSS, and JavaScript
- ✓ 8–10 small projects + 2 full projects (Portfolio & E-commerce)
- ✓ Confidence to move into React.js or frontend frameworks

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