■ 100 Days Web Development Challenge (Full Checklist)

Phase 1: HTML & CSS (Day 1–15)

Done	Task
■	Day 1: Install VS Code, setup browser, learn basic structure
■	Day 2: Headings, paragraphs, links, images
■	Day 3: Lists (ordered, unordered, nested)
■	Day 4: Tables + attributes
■	Day 5: Forms (input, textarea, select, button)
■	Day 6: Semantic tags (header, footer, section, article, nav)
■	Day 7: CSS basics – inline, internal, external CSS
■	Day 8: Colors, backgrounds, fonts, text styling
■	Day 9: Box model – margin, border, padding
■	Day 10: CSS selectors (class, id, universal, pseudo-classes)
■	Day 11: Positioning (static, relative, absolute, fixed, sticky)
■	Day 12: Flexbox basics
■	Day 13: CSS Grid basics
■	Day 14: Responsive design (media queries)
■	Day 15 Project: Build a Personal Portfolio (HTML + CSS only)

Phase 2: JavaScript Basics (Day 16–35)

Done	Task
■	Day 16: JS setup (link script), variables (var, let, const)
■	Day 17: Data types (number, string, boolean, null, undefined)
■	Day 18: Operators (+, -, *, /, %, ++, --)
■	Day 19: Conditionals (if-else, switch)
■	Day 20: Loops (for, while, do-while)
■	Day 21: Functions (declaration, expression, arrow)
■	Day 22: Arrays (create, access, modify, push, pop)
■	Day 23: Objects (key-value pairs, methods)
■	Day 24: DOM basics – getElementById, querySelector
■	Day 25: DOM – change text, HTML, CSS via JS
■	Day 26: DOM – create, append, remove elements
■	Day 27: Events – click, input, mouseover

■	Day 28: Event listeners, preventDefault
■	Day 29: ES6 – template literals, default params
■	Day 30: ES6 – spread/rest, destructuring
■	Day 31: JSON & localStorage
■	Day 32: Error handling (try, catch)
■	Day 33: Timing functions (setTimeout, setInterval)
■	Day 34 Project: To-Do List App (Save tasks in localStorage)
■	Day 35 Project: Calculator (Basic Arithmetic)

Phase 3: Advanced CSS + UI (Day 36–50)

Done	Task
■	Day 36: Pseudo-classes (hover, focus, nth-child)
■	Day 37: Transitions (hover effects)
■	Day 38: Animations (@keyframes)
■	Day 39: Transformations (scale, rotate)
■	Day 40: Responsive images & units (em, rem, vh, vw, %)
■	Day 41: CSS Variables
■	Day 42: CSS Flexbox practice (navbar, footer)
■	Day 43: CSS Grid practice (photo gallery)
■	Day 44: CSS Frameworks – Bootstrap basics
■	Day 45: Bootstrap components (navbar, cards, forms)
■	Day 46: Bootstrap grid system
■	Day 47: Tailwind CSS basics
■	Day 48: Tailwind CSS responsive design
■	Day 49 Project: Build a Responsive Blog Website
■	Day 50 Project: Landing Page for a Startup

Phase 4: JavaScript Advanced + APIs (Day 51–70)

Done	Task
■	Day 51: Fetch API basics
■	Day 52: Fetch API with JSON
■	Day 53: Promises (then, catch)
■	Day 54: Async/await
■	Day 55: API error handling
■	Day 56: Forms + JS validation
■	Day 57: Modular JS (import/export)

■	Day 58: Practice small APIs (jokes API)
■	Day 59: Small project – Random Joke Generator
■	Day 60: Small project – Quote Generator with API
■	Day 61: Small project – Quiz App (MCQs)
■	Day 62: Small project – Weather App (OpenWeather API)
■	Day 63: Small project – Currency Converter
■	Day 64–66 Project: Weather Dashboard
■	Day 67–70 Project: Recipe Finder App

Phase 5: Backend & Databases (Day 71–85)

Done	Task
■	Day 71: Introduction to backend
■	Day 72: Node.js basics (npm, modules)
■	Day 73: Creating an HTTP server in Node.js
■	Day 74: Express.js basics (routes, middleware)
■	Day 75: Express.js advanced (params, queries)
■	Day 76: REST API concepts (GET, POST, PUT, DELETE)
■	Day 77: MongoDB introduction
■	Day 78: MongoDB CRUD operations
■	Day 79: Connect MongoDB with Node.js
■	Day 80: Mongoose basics (schemas, models)
■	Day 81: Postman testing for APIs
■	Day 82: Authentication basics (hashing passwords)
■	Day 83: JWT authentication
■	Day 84 Project: Simple Blog Backend
■	Day 85 Project: User Authentication System

Phase 6: Full-Stack Projects (Day 86–100)

Done	Task
■	Day 86–88 Project: Notes App with User Login
■	Day 89–91 Project: Task Manager
■	Day 92–95 Project: E-commerce Product Catalog
■	Day 96–98 Project: Chat App (WebSockets + Database)
■	Day 99–100 Final Project: Full-Stack Portfolio Website