## **Front-End FULL Course**

**Front-End course for the Beginners** 

1 - HTML & CSS " Lvl 1 " 2 - HTML & CSS " LVI 2 " 3 - JavaScript "Beginner" 4 - JavaScript "Intermediate " 5 - JavaScript " Advanced " 6 - React JS " Beginner " 7 - React JS " Intermediate " 8 - React JS " Advanced "

This is FULL Front-End 8 Month course for beginner. With the knowledge acquired after completing this course, you will be able to work as a Junior Front-End Developer



## HTML & CSS

Welcome to HTML & CSS courses

- **Day 1** Introduction to web development, Introduction to HTML structure
- **Day 2** Working with Text tags | ,<strong>,<h1....h6> | Comments | image | Semantic Tags
- Day 3 Form | Input | Checkbox | Select
- Day 4 Tables | Lists | Video | iframe | Audio
- Day 5 Intro To CSS | Inline Styling | Syling in style tags | CSS Selectors
- **Day 6 Pseudo-classes** | **Colors** | **Background** | **Borders** | **Margin/Padding**
- Day 7 Working with text | Fonts | Max-width/Height
- **Day 8 Overflow | Positions | Math function | Variables**
- **Day 9 Opacity | Animations | Keyframes | Transition | Transform**
- **Day 10 Display-Flex**
- Day 11 Display-Grid
- **Day 12 Media Queries**
- Day 13 Exam



Welcome to HTML & CSS level 2 courses

- Day 1 Web Page Creating < Desktop >
- Day 2 Web Page Creating < Desktop >
- Day 3 Web Page Creating < Desktop >
- **Day 4 Web Page Creating < Desktop >** .
- **Day 5 Web Page Creating < Responsive >**
- **Day 6 Web Page Creating < Responsive >**
- Day 7 Web Page Creating < Responsive >
- Day 8 Web Page Creating < Responsive >

#### HTML & CSS Level 2



## JavaScript Beginner

Welcome to JavaScript Beginner courses

- Day 1 Intro to Javascript | Comments | Values and variables
- Day 2 Data-types | Basic operators | Operator precedence
- Day 3 Strings template literals, if/else statements,
- Day 4 Type conversion/type coersion | Truthy falsy values
- Day 5 Equality operators | Boolean logic | Switch statement
- Day 6 The Conditional (Ternary) Operator | Javascript-releases | ES5,ES6+ | Strict mode
- Day 7 Functions | Function declarations | Function expressions
- Day 8 Arrow functions | Introduction to Arrays | Basic array operators
- Day 9 Introduction to objects | Dot vs bracket notation | Object Methods,
- Day 10 Iteration for loop | Looping arrays | Breaking and continuing | The while loop,
- Day 11 What's the DOM and DOM Manipulation | Selecting and Manipulating Elements
- Day 12 An High-Level Overview of JavaScript | Execution Contexts and The Call Stack
- Day 13 Exam



### JavaScript Intermediate

Welcome to JavaScript intermediate courses

- Day 1 Scope and the scope chain | Theroy and practice
- Day 2 Hoisting and TDZ | The this keyword | Regular functions vs arrow functions,
- Day 3 Primitives vs. Objects (Primitive vs. Reference Types) | Destructuring Arrays,
- Day 4 Destructuring Objects | The spread operator | Rest pattern,
- Day 5 Short Circuiting (&& and || and ??), Logical Assignment Operators | Looping Arrays: The for-of Loop
- Day 6 Optional Chaining (?.) | Looping Objects: Object Keys | Values and Entries
- Day 7 Sets | Maps | String methods | Working with strings
- Day 8 Functions Default Parameters | First-Class and Higher-Order Functions | Functions Accepting Callback Functions
- Day 9 Functions Returning Functions | The call | Apply | Bind Methods
- Day 10 Immediately Invoked Function Expressions (IIFE) | Closures
- Day 11 High order methods part-1 forEach | Map | Filter | reduce | Find,
- Day 12 High order methods part-2 some | Every | Flat | FlatMap etc...
- Day 13 EXAM

| Apply | Bind Methods ons (IIFE) | Closures ap | Filter | reduce | Find, y | Flat | FlatMap etc...



### JavaScript Advanced

Welcome to JavaScript Advanced courses

- **Day 1 Numbers, dates | Intl and Timers**
- Day 2 Advanced DOM events part-1 | Select | Create | Delete | Elements | Styles
- Day 3 Advanced DOM events part-2 attributes | Classes etc | Event types | Event propagation
- **Day 4** Advanced DOM events part-3 bubling and capturing | Event delegation | DOM traversing etc.
- **Day 5 OOP introduction | Constructor functions | New Operator**
- **Day 6 Prototypes | Prototypal inheritance | Prototype Chain**
- Day 7 ES6 Classes | Setters | Getters | Static methods
- **Day 8 Introduction to Asynchronous Javascript | XMLHttpRequest**
- Day 9 Callback Hell | Promises | Fetch API
- **Day 10 The Event Loop theory | Practical**
- Day 11 Async/await | Try Catch
- **Day 12 Running-Promises paralel**
- **Day 13 EXAM**





- Day 1 Introduction
- **Day 2 JavaScript Refresh**
- **Day 3 Working refresher**
- **Day 4 Working with components**
- Day 5 React- state events
- **Day 6 Rendering lists, conditional content**
- Day 7 Styling
- **Day 8 Debugging**
- Day 9 Summary
- **Day 10 Practical Working**
- Day 11 Fragments portals-refs
- Day 12 Side- effects
- Day 13 EXAM

### **React JS** Beginner

#### Welcome to React JS Beginner courses



- Day 1 Context Api
- **Day 2 Practice project**
- Day 3 Look Behind a scenes
- **Day 4 Class based components**
- **Day 5 Sending http requests**
- Day 6 Summary
- **Day 7 Building custom react hooks**
- **Day 8 Working with forms**
- **Day 9 Practice Working**
- Day 10 Summary
- **Day 11 EXAM**

**React JS** Intermediate

#### Welcome to React JS Intermediate courses





- **Day 1 React Redux Introduction**
- **Day 2 Diving into redux**
- **Day 3 Diving into redux**
- Day 4 Advanced redux
- Day 5 Summary
- **Day 6 Routing in React**
- **Day 7 Authentication in react**
- **Day 8 Animation in React**
- **Day 9 Introduction to TypeScript**
- **Day 10 TypeScript in React**
- **Day 11 Classes and interfaces**
- **Day 12 Generics, Decorators**
- Day 13 Advanced types
- Day 14 Summary
- **Day 15~- EXAM**

#### Welcome to React JS Advanced courses



# THANK YOU

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