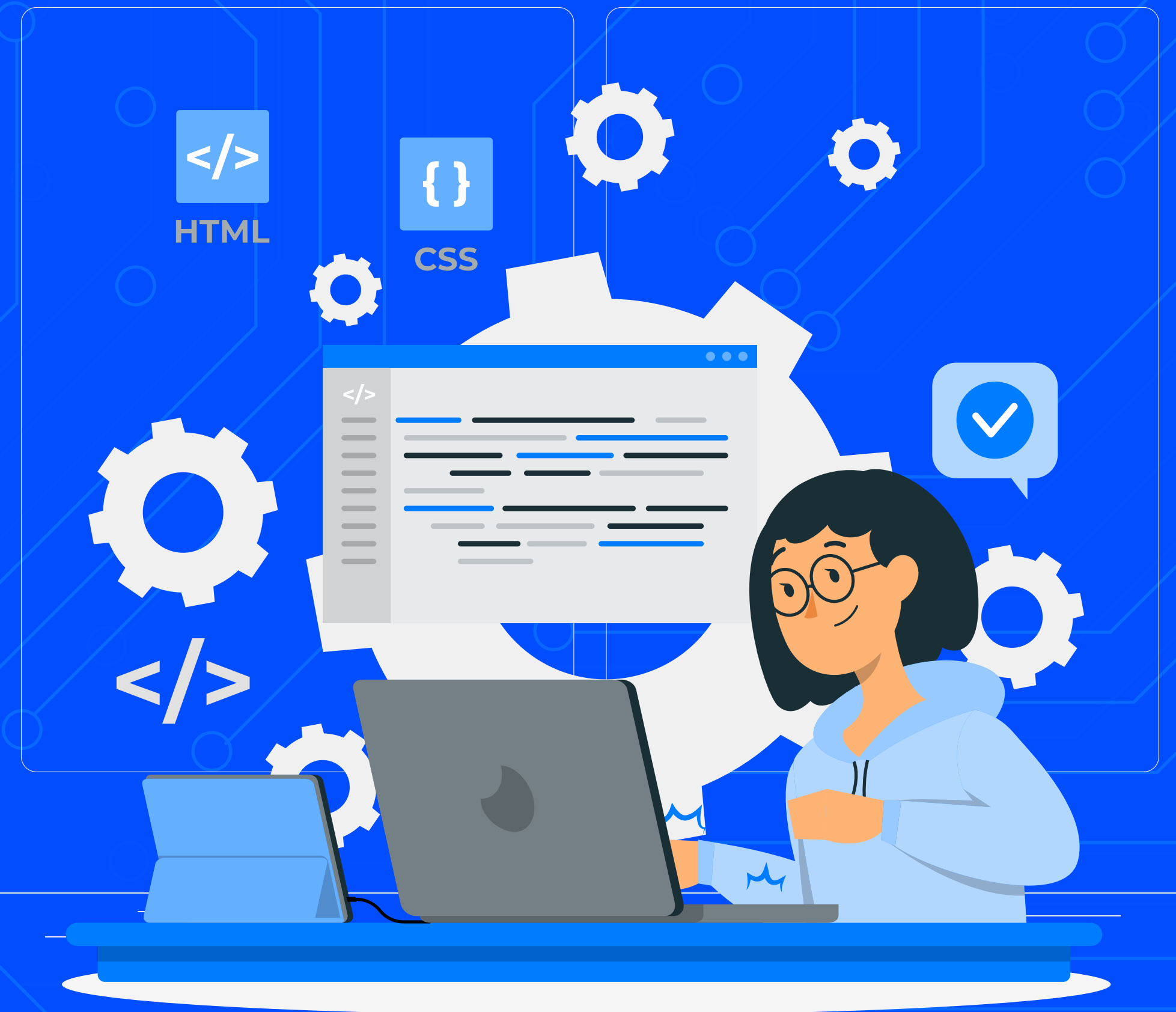


Front-End Angular or React Diploma Content

160
Hours

6
Months



Why steps

Instructors +10 years of experience

Mentors follow up with you

+1000 satisfied students

Practical projects

Free lecture

Business sessions

Freelancing sessions

Installment 0% interest

Steps learning is
ISO 9001:2015
certified



Diploma content

1-HTML

- Introduction to web
- HTML History
- HTML Tags
- HTML Attributes
- HTML Forms
- HTML Tabls
- HTML & CSS
- HTML meta data

6
Hours

Diploma content

2-CSS

- CSS Basics
- CSS Selectors
- CSS Box Model
- CSS Display & Positioning
- CSS Typography
- CSS Colors & Backgrounds
- CSS Lists & Tables
- CSS Pseudo-Classes & Pseudo-Elements
- CSS Best Practices & Optimization

4
Hours

Diploma content

3-JavaScript & Advanced JavaScript

- JavaScript Basics
- Variables and Data Types
- Operators
- Control Structures
- Functions
- Objects & Arrays
- String and Number Methods
- JavaScript Events
- DOM (Document Object Model)
- Complete List of BOM Topics
- Timers & Asynchronous JavaScript
- Error Handling
- Working with Forms
- Local Storage & Cookies
- AJAX
- JSON

20
Hours

Diploma content

4-HTML5

- HTML Multimedia
- HTML Semantic Elements
- HTML5 New Features
- HTML Meta Tags & SEO
- HTML Accessibility

8
Hours

Diploma content

5-CSS3

- Selectors & Pseudo-Classes
- Box Model & Layout Enhancements
- Backgrounds & Borders
- Text Effects & Fonts
- Transitions & Animations
- Transformations
- Shadows & Effects
- Flexbox & Grid
- Advanced Features

8
Hours

Diploma content

6-Responsive Web Design

- CSS Flexbox (Non-CSS3 Basics)
- CSS Grid (Non-CSS3 Basics)
- Responsive Design & Media Queries

6
Hours

Diploma content

7- Bootstrap 5

- Bootstrap 5 Basics
- Bootstrap 5 Grid System
- Bootstrap 5 Components
- Bootstrap 5 Utilities
- Bootstrap 5 JavaScript Features
- Bootstrap 5 Responsive Design
- Bootstrap 5 Icons

6
Hours

8- Tailwind CSS

- tailwindCSS intro & installation
- class detection in depth
- colors
- handling hover , focus and other states
- background
- spacing
- @layer
- directives & functions
- configuration
- utilities

9
Hours

Diploma content

9- SCSS

- Introduction to SCSS
- Variables in SCSS
- Nesting in SCSS
- Partials & Importing Files
- Mixins in SCSS
- Extends & Inheritance
- Functions in SCSS
- Operators in SCSS
- Control Directives & Loops
- Lists & Maps in SCSS
- Media Queries in SCSS

3
Hours

10– ES6&Advanced ES6

- Introduction to ES6
- Block-scoped Variables (let and const)
- Template Literals (Template Strings)
- Arrow Functions (`=>`)
- Default Parameters in Functions
- Rest Parameter (`...args`)
- Spread Operator (`...`)
- Destructuring Assignment
- Enhanced Object Literals
- Iteration and Loops
- ES6 Modules (import and export)
- Classes in ES6
- Promises (Asynchronous JavaScript)
- Async/Await (Advanced Asynchronous Handling)
- Symbols (New Primitive Type)
- Iterators and Generators
- Map and Set (New Data Structures)
- Object Methods and Enhancements
- New Array Methods
- New String Methods
- New Number and Math Methods
- Proxy and Reflect API (Meta-Programming)
- The `new.target` Meta-property

12
Hours

11- TypeScript & Advanced TypeScript

- Introduction to TypeScript
- Type Annotations & Inference
- Primitive & Special Types
- Arrays & Tuples
- Objects & Interfaces
- Functions & Methods
- Enums (Numeric & String Enums)
- Classes in TypeScript
- Abstract Classes & Interfaces
- Generics (Type-Safe Reusability)
- Type Aliases & Advanced Types
- Utility Types (Built-in Mapped Types)
- Type Guards & Advanced Type Checking
- (OOP) in TypeScript
- Namespaces & Modules
- TypeScript Decorators
- Mixins & Multiple Inheritance
- Working with TypeScript & APIs
- Asynchronous Programming with TypeScript
- TypeScript with React, Angular, Vue
- Advanced Type Manipulation
- Performance Optimization & Best Practices

6
Hours

Diploma content

12- You can choose between

Angular

**60
Hours**

OR

React

**50
Hours**

13- Business sessions

**6
Hours**

14- Freelancing sessions

**6
Hours**

Diploma content

PROJECTS

- 1-Recipe book using Angular
- 2-NgRx apply in project
- 3-RxJs apply in project
- 4-Unit testing & e2e testing apply project
- 5-JavaScript project
- 6-RWD project
- 7-ES6 project



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– the building containing Abu Dhabi Islamic Bank – fourth floor**

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– العمارة اللي فيها مصرف ابوظبي الاسلامي – الدور الرابع

Waiting For You