



Master FRONT-END DEVELOPMENT

Create Engaging and User-friendly Web Interfaces

With MindScripts Tech



ABOUT US

Welcome to **MindScripts Tech**, a distinguished IT Training Institute in Pune committed to shaping the future of technology professionals. With a passion for empowering individuals with the skills demanded by the ever-evolving IT landscape, MindScripts Tech stands as a beacon of excellence in the heart of Pune.

OUR MISSION

At MindScripts Tech, our mission is clear—to provide world-class IT education and skill development that transforms individuals into industry-ready professionals. We believe in bridging the gap between theoretical knowledge and practical application, ensuring our students not only grasp the fundamentals but can also apply them in real-world scenarios.



COURSE OVERVIEW

- **Holistic Learning:** Comprehensive course covering Front-End Development.
- **Cutting-Edge Technologies:** Emphasis on the latest web development technologies and frameworks.
- **Real-World Projects:** Hands-on experience through practical projects and assignments.
- **Expert Instructors:** Learn from industry professionals with extensive Full Stack Development experience.
- **Placement Assistance:** Dedicated support for connecting with partner companies across Pune and Mumbai.
- **Certification:** Receive a recognized certification upon successful completion of the course.
- **Ideal for Beginners:** Tailored for freshers and individuals seeking a career transition into the IT industry.
- **Career Opportunities:** Unlock doors to endless opportunities and a fulfilling career in web development.

Front-end HTML & CSS

HTML Basics

- HTML Introduction
- HTML Syntax
- HTML Document Structure



Introduction to CSS

- What is CSS & its role in web development?
- Inline, internal, & external CSS.
- CSS syntax & basic structure.



Text Formatting

- Headings
- Paragraphs
- Line Breaks and Horizontal Rules
- All Basic Tags

Lists

- Ordered Lists
- Unordered Lists
- List Items

Links & Anchors

- Hyperlinks
- URLs and Paths
- Link
- Text Link Targeting

Marquee Element

- Element Introduction & Attributes
- Creating Scrollable Text & Images

Images

- Image Tag ()
- Image Source (src Attribute)
- Image Dimensions (Width and Height Attributes)
- Alt Text (alt Attribute)

Forms

- Form Tag (<form>)
- Input Fields (<input>)
- Textareas (<textarea>)
- Select Menus (<select>)

Div and Spans

- Block-level Elements (<div>)
- Inline Elements ()

HTML Comments

- Adding Comments

CSS Selectors & Properties

- Understanding CSS selectors
- Applying styles using element, class, and ID selectors
- Changing text and background colors
- Adjusting font properties (size, family, weight)

CSS Borders

- Exploring different border styles
- Adjusting border width and color
- Creating decorative borders
- Adding rounded corners to elements

CSS Margins & Padding

- Exploring margin properties for spacing control
- Setting margins for individual sides
- Using shorthand margin notation for efficiency
- Creating spacing between elements
- Combining margin & padding

CSS Fonts

- Customizing text styles with font properties
- Choosing font families & font stacks
- Adjusting font size, weight, style, & color

CSS Tables

- Styling HTML tables and their elements
- Setting borders and spacing for table cells
- Alternating row colors for better readability

CSS Background & Images

- Setting background color and images
- Controlling background repeat & position
- Creating image galleries with CSS

Introduction to JavaScript & TypeScript

Introduction to JavaScript



- Introduction to JavaScript
- Role in web development.
- Setting up a basic HTML file & adding JavaScript.
- Variables, data types, and basic operations.
- Control structures: if statements & loops (for, while).
- Introduction to functions and their usage.

Variables and Data Types

- Declaring variables
- Primitive data types

Control Flow

- Conditional statements (if, else if, else)
- Switch statements
- Loops (for, while, do...while)
- Break and continue statements.

Functions

- Declaring functions
- Parameters and arguments
- Return statements

DOM Manipulation

- Introduction to the (DOM)
- Selecting and modifying DOM elements

Using Popup Boxes

- Alert boxes
- Confirm boxes
- Prompt boxes



Introduction to TypeScript

- Why learn TypeScript?
- Differences between JavaScript and TypeScript
- Advantages of TypeScript
- Disadvantages of TypeScript
- Environmental setup (Node.js, TypeScript)
- Basic syntax

TypeScript Fundamentals

- Data Types in TypeScript
- Type Assertions Variables
- Operators
- Control Statements
- Loops
- Functions

Advanced TypeScript

- Arrow Functions (Fat Arrow Functions)
- TypeScript Arrays
- Push & pop Methods
- Splice Method
- Slice Method
- forEach Method
- JSON Objects
- Array of Objects
- Class & Object Properties
- Constructors
- Interfaces
- Inheritance



Angular

What is Angular?

- Angular Version History
- Architecture of Angular Apps
- Setting up the Environmental Setup
- Structure of Angular Projects

Data Binding, Handling Events & Directives

- String Interpolation vs Property Binding
- Property Binding
- Class Binding
- Style Binding
- Two-Way Binding
- Directives
- Structural Directives (ngIf, ngIf else, ngFor)
- ngStyle ngClass

Component Interaction, Input & Output Properties, Pipes, Services & Dependency Injection

- Component Interaction
 - @Input() and @Output() Decorators
- Pipes
 - Inbuilt Pipes Creating Custom Pipes @Pipe Decorator

HTTP Services and Observables

- What is a Service?
- Dependency Injection in Angular
- Introduction to HTTP
- Error Handling
- Introduction to Observables
- Injectable Decorator
- Connecting to the Backend
- Using HTTP Services
- CRUD Operations with HTTP
 - GET, POST, PUT, DELETE

Routing in Angular

- What is Routing?
- Configuring Routes
- Using the Router-outlet Tag
- Routing Using Router-link Directive
- Programmatic Routing
- Sending Data through Routing
- Lazy Loading Concepts

Bootstrap and Template-Driven Forms

- Overview of Bootstrap
- Bootstrap Grid System
- Using the Form Control Class
- Validation of Template-Driven Forms
- ngForm Directive
- ngValue Directive
- ngSubmit Directive
- FormControl



PLACEMENT ASSISTANCE



MindScripts Tech operates with a dedicated placement team, ensuring students receive daily job notifications.

Our HR serves as a central point for all HR-related inquiries, keeping track of placement drives. Eligible students are contacted directly by HR for these drives. The Job Search community provides a snapshot of individual progress and feedback received



PERFECT FOR
FRESHERS READY
TO ENTER THE
IT INDUSTRY.



ADDITIONAL SERVICES



Career Counselling

Aptitude Sessions

Interview Preparation

Mock Interviews

1 on 1 Doubt Solving Classes

Soft Skills Sessions

Resume Building

Post Placement Support

LinkedIn Profile Optimization

Personal Grooming Sessions



CERTIFICATION



1. **Formal Recognition:** Certifies successful completion of the Front-end Development course, validating acquired skills.
2. **Industry Credibility:** Recognized and respected credential, enhancing your standing in the tech job market.
3. **Career Advancement:** Opens doors to opportunities by showcasing proficiency in Front-end Development.

CONTACT US

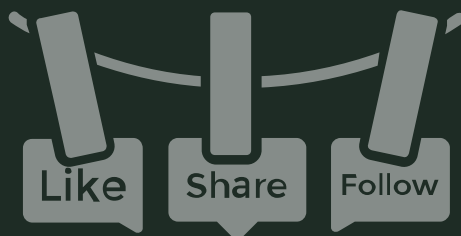


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Ready to embark on your journey to becoming a proficient **Front-end Developer?**

Enroll now and unlock a world of opportunities in the dynamic field of front-end development.

Your future in tech starts here!

