

**SLOG SOLUTIONS PRIVATE LIMITED**  
**TECHNOLOGY: Web Designing**  
**DURATION: MODULE 1 (4 WEEKS)**  
**MODULE 1 + 2 (6 WEEKS)**

**MODULE 1:**

➤ **HTML**

Introduction to HTML  
HTML text formatting  
Creating Tables  
Forms  
Images  
Hyperlinks  
Lists  
Classes  
ID  
Filepath.  
Audio  
Video  
Datalists  
Canvas  
Scalable vector graphics

➤ **CSS**

CSS box model  
Types of CSS  
  
Colors  
  
Background Colors  
Background images  
Hexadecimal Colors  
RGB Colors  
HSL Colors  
CSS Fonts  
Google fonts  
Custom Fonts  
  
Borders  
Float  
Position  
Margin  
Padding  
  
Overflow

Vendor prefixes  
Transitions  
Transformations  
Linear Gradient  
Radial Gradient  
3D transformations  
CSS3 animations

➤ **JAVASCRIPT**

Introduction to JavaScript  
JavaScript Virtual Machine(JSVM)  
  
Introduction to JavaScript  
Engines(V8 , Chakra and Spider  
Monkey)  
  
JavaScript variables  
Operators in JavaScript  
Conditional statements  
LOOPS  
Arrays  
Filter function  
Map function  
ForEach loop  
Reduce function

POP,SHIFT,PUSH,UNSHIFT methods

Functions in JavaScript

Multidimensional Arrays

JavaScript Objects

For In Loop

Arrays within Objects

Functions within objects

The THIS keyword

Objects within arrays

The Scope

Hoisting

Argument Object

Callback Functions

Closures

Arrays and Callbacks

String Functions

Creating text nodes

Append functions

Replace Child

Remove Child

BROWSER OBJECT MODEL

Window Object

Screen Object

Location Object

Event Handlers

Creating sliders in JavaScript

Animations in JavaScript

Modern JavaScript

ECMAScript 2015

## **MODULE 2**

Introduction to TYPESCRIPT

Data type Conversion

Objects vs Primitives

Prototypal inheritance

Shared properties and methods

\_proto and \_prototype object

Encapsulation in JavaScript



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