

# JAVAFULL STACK DEVELOPMENT

**SEGMENT 1: WEB DESIGNING**

**SEGMENT 2: JAVASCRIPT**

**SEGMENT 3: JAVA DEVELOPMENT**

**SEGMENT 4: MYSQL DATABASE**

**SEGMENT 5: JAVA FRAMEWORK**

**SEGMENT 6: LIVE PROJECT IMPLEMENTATION**

**DURATION: 2 MONTHS**

## WEB DESIGNING

### **Overview of HTML**

Overview of HTML

Introduction to HTML

Creating an HTML Document

### **Formatting text with HTML**

Paragraph Formatting with HTML

Character Formatting with HTML

### **Adding Internal Links with the Named Anchor Tag**

### **Creating lists in HTML**

Creating Lists and Nested Lists

### **Creating tables in HTML**

Creating and Modifying Tables  
Creating Advanced Table Elements

## **Setting Body and Background Attributes**

Setting Background and Text Colors

# HTML5 Training Syllabus

## **Overview of what's new in HTML5**

- Doctype
- Charset
- New structures / tags
- Inline Elements
- Support for dynamic pages
- Form types
- Deprecated codes

## **Current browser / platform support**

## **Importance of the Document Object Model (DOM)**

## **Using the new HTML5 Tags**

## **Defining page structure using the new HTML 5 tags**

## **New HTML5 Elements**

# CSS Training Syllabus

## **Types of Style Sheets**

- Inline Styles
- Embedded Styles
- External or Linked Styles

## **Inheritance and Cascading Order**

- Inheritance
- Conflicting Styles
- Specificity

## **Formatting Text and Fonts**

- Font Families
- Font Size
- Kerning, Leading, and Indenting

## **Formatting Colors and Backgrounds**

- The Color Attribute
- The Background Attribute
- Background Colors and Images

## **Exploring CSS Class and ID Attributes**

- Defining The CSS Class Attribute
- Defining The CSS ID Attribute

## **Create Your Own HTML Tags**

- HTML Span and DIV Tags
- Creating Block-Level HTML Tags
- Creating Inline HTML Tags

## **Positioning Block-Level Elements**

- Relative and Absolute Positioning
- Formatting The Block-Level Box Model
- Element Visibility Controls

# CSS3 Training Syllabus

## Introducing CSS3

- What is CSS3?
- The History of CSS
- Browser Support
- HTML5

## Selectors and Pseudo Classes

- Attribute Selectors
- The Target Pseudo-Class
- UI Element States Pseudo-Classes
- Negation Pseudo-Class
- Structural Pseudo-Classes

## Fonts and Text Effects

- Fonts on the Web
- Font Services
- The @font-face Rule
- Text Shadow
- Word Wrapping

## Colors, Gradients, Background Images, and Masks

- Color
- The Opacity Property
- Backgrounds
- background-origin, and background-size

## Borders and Box Effects

- Image Borders
- Rounded Corners
- Box Shadow

## Embedding Media

- Video Formats

- Styling Video

## Accessibility Features

- Web Accessibility
- The CSS3 Speech Module

# *Advanced Bootstrap Training*

- Blog
- Carousel
- Cover
- Dashboard
- Jumbotron
- Navbar
- Navbar Fixed Top
- Navbar Static Top
- Starter Template

## JAVASCRIPT

JavaScript - Get Started

What is JavaScript

Setup JavaScript Dev Environment

HTML <script> Tag

JavaScript - Syntax

JavaScript - Popup Message

JavaScript - Variables

JavaScript - Operators

JavaScript - Data Types

JavaScript - String

JavaScript - String Methods

JavaScript - Numbers

JavaScript - Boolean

JavaScript - Object  
JavaScript - Date  
JavaScript - Date Methods  
JavaScript - Array  
JavaScript - Array Methods  
JavaScript - null and undefined

JavaScript - Function  
JavaScript - if condition  
JavaScript - switch  
JavaScript - for loop  
JavaScript - while loop  
JavaScript - Scope  
JavaScript - eval  
JavaScript - Error Handling

## CORE JAVA

- Java Introduction
  - Java Hello World
  - Java JVM, JRE and JDK
  - Java Variables
  - Java Data Types
  - Java Operators
  - Java Input and Output
  - Java Expressions & Blocks
  - Java Comment
- Java Flow Control
  - Java if...else
  - Java switch Statement
  - Java for Loop
  - Java for-each Loop
  - Java while Loop
  - Java break Statement
  - Java continue Statement
- Java Arrays
  - Java Arrays

- Multidimensional Array
  - Java Copy Array
- Java OOP (A)
  - Java Class and Objects
  - Java Methods
  - Java Constructor
  - Java Strings
  - Java Access Modifiers
  - Java this keyword
  - Java final keyword
  - Java Recursion
  - Java instanceof Operator
- Java OOP (B)
  - Java Inheritance
  - Java Method Overriding
  - Java super Keyword
  - Abstract Class & Method
  - Java Interfaces
  - Java Polymorphism
  - Java Encapsulation
- Java OOP (C)
- Exception Handling Java Inner Class
- Java Multithreading Java List
  - Java Collections Framework Java Collection Interface
  - Java List Interface
  - Java ArrayList
  - Java Vector
  - Java Stack
- Java Queue
  - Java Queue Interface
  - Java PriorityQueue Interface Java Deque Interface
  - Java LinkedList
  - Java ArrayDeque
- Java I/O Streams
- Java Reader/Writer

## MYSQL

- [MySQL - Home](#)
- [MySQL - Introduction](#)
- [MySQL - Installation](#)

- MySQL - Administration
- MySQL - PHP Syntax
- MySQL - Connection
- MySQL - Create Database
- MySQL - Drop Database
- MySQL - Select Database
- MySQL - Data Types
- MySQL - Create Tables
- MySQL - Drop Tables
- MySQL - Insert Query
- MySQL - Select Query
- MySQL - Where Clause
- MySQL - Update Query
- MySQL - Delete Query

## SPRING IMPLEMENTATION

- Spring - Environment Setup
- Spring - IoC Containers
- Spring - Bean Definition
- Spring - Bean Scopes
- Spring - Bean Life Cycle
- Spring - Bean Post Processors
- Spring - Bean Definition Inheritance
- Spring - Dependency Injection
- Spring - Injecting Inner Beans
- Spring - Injecting Collection

- Spring - Beans Auto-Wiring
- Annotation Based Configuration
- Spring - Java Based Configuration
- Spring - Event Handling in Spring
- Spring - Custom Events in Spring
- Spring - AOP with Spring Framework
- Spring - JDBC Framework
- Spring - Transaction Management
- Spring - Web MVC Framework

## LIVE PROJECT IMPLEMENTATION

- BANK MANAGEMENT SYSTEM
- ONLINE EXAMINATION SYSTEM