WEB Development BASIC Course

Web Development is nothing but complete designing of both websites and applications where the developers need to work from frontend development. With our Web Development Course, you will become an expert in all the aspects of web development such as Java, .NET, MEAN Stack and Python. In Frontend you are able to learn – HTML, HMTL5, CSS3, Bootstrap, JavaScript and jQuery

Course Objectives:

•To Learn the core concepts of both the frontend programming course
•To Get familiar with the latest web development technologies

Prerequisites:

•Basic Knowledge of Programming is enough

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Web Development (BASIC) Training

1.HTML 4 and HTML 5

A.Introduction of HTML
B.Tag, Elements and Attributes
C.Basics syntax
D.Table
E.List
F.Forms
G.Structure of HTML4 and HTML
H.Semantic and non-semantic tags
I.HTML 5 Features
J.New Input type
K.Forms Attribute
L.SVG
M.Canvas
N.Audio, Video Tag

2.CSS(Cascading Style Sheet)

A.Attributes(ID, Class, Style, Title)
B.CSS Types(Inline, Internal, External)
C.Box-model
D.Display Property(Block, Inline, None)
E.Visibility-Hidden
F.Position Property(Static, Relative, Absolute, Fixed)
G.Z-index PropertyH.Combinators(Descendant Selector, Child Selector, Adjacent Sibling Selector, General Sibling Selector)

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I.CSSPseudo-classes(Link, Visited, Hover, Active)
J.CSSPseudo-elements(First Line, First Letter, Before, After
,Selection)
K.Static Web Page
L.Viewport Meta tag

3.CSS 3

A.Background, Multiple Backgrounds
B.Font Related Features (online fonts)
C.Text-Effect and Box-Effect
D.Gradients-Linea and Radial
E.Transition
F.Transformation
G.Animation
H.Media Queries

4.Bootstrap

A.Introduction of Bootstrap (Responsive)
B.Typography
C.Tables
D.Images, Buttons
E.Grid Structure-Type of columns
F.Forms
G.Jumbortron,H.well,
I.Panel
J.Navbar,Nav Tab
K.CarouselL.Responsive Web Page

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5.JavaScript

A.Introduction of JavaScript
B.Useof JavaScript
C.Variables
D.Keywords
E.Data Type (Primitive,non-primitive)
F.JS Conditions (if, if-else)
G.Conditional operators & logical operators
H.Loops (for,while,do-while)
I.Switch Case
J.Functions
K.SetTimeout and set Interval Function
L.HTML DOM
M.Usethe document object to access and manipulate HTML
N.Changing HTML Elements
O.Adding and Deleting Elements
P.Array
Q.Objects
R.How to access Objects (Dot Notation, bracket Notation)
S.Object Creation (Empty Object, Literal Way, Constructor Way)T.Prototype
U.Validations
V.Events

6.jQuery

1.Introduction

A.JQuery Library

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B.First JQuery Example
C.The Document Ready Function
D.Howto escape a special character

2.Selectors

A.Basic Selectors
B.Precise Selectors
C.Combination of Selectors
D.Hierarchy Selectors
E.Selection Index Filters
F.Visibility Filters
G.Forms Selectors
H.Forms Filters

3.Find Dropdown Selected Item

4.Document Traversal

A.Getting a specific DOM element

5.Event

A.Events Helpers
B.Attach Event
C.Detaching Events
D.Events Triggering

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6.HTML Manipulation

7.AJAX with jQuery

8.JSON Introduction