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JavaScript and JQuery training introduces the delegates with the latest concepts of JavaScript and also explain the fundamentals for front-end development. The training provides in depth knowledge about the syntax and various aspects of programming using JavaScript and its Library, JQuery. Javascript and JQuery training makes the delegates expert in Responsive Web Development by mastering the advanced concepts of javascript and JQuery. JQuery is a powerful library of JavaScript, which optimizes the JavaScript code. The delegates will be able to understand the importance of objects.

The delegates will get familiar with the error handling methods, which will boost the delegates programming skills. The delegates will learn the concepts of scripting on client-side and fundamentals of JavaScript. Throughout the training, the delegates will understand how to use the variables and datatypes. Also understand how to handle conditional statements in their program. With the help of the training, the delegates will be able to explain the concept of Variable Shadowing and Closures. At the end of the JavaScript and JQuery training, the delegates will be able to build interactive and dynamic websites.

Prerequisites

For attending this training, the delegates should have basic knowledge of HTML and CSS and Programming Language.

Course Objectives

After the completion of JavaScript and JQuery Essentials Training and Certification at Silicon Beach Training, the delegates will be able:

- Understand how to design functional website on the clients-side
- Understand how to create, update and delete HTML elements
- Learn the usage of Objects to access and change Browser properties
- Optimize code using JavaScript Library: JQuery
- Validate HTML Forms
- Use animations, effects and plug-ins
- Learn basics of Web Development and JavaScript applications
- Create and employ jQuery UI using themes and widgets
- Use and deploy jQuery mobile websites
- Learn fundamentals of jQuery programming

More about JavaScript

JavaScript is a high level object-oriented programming language and also known as scripting language for Web pages. JavaScript runs on the client side of the web and it can be used to design program. This course provides a complete knowledge about the basics of the JavaScript language. The course also covers the concepts including looping, variables, functions, and even a little bit about debugging tools. JavaScript language is very easy to learn as well as powerful scripting language. It is widely used for controlling web page behaviour.

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JQuery Essentials helps the delegates to optimize and implement the features of JQuery to maintain and build websites. JQuery was written to make DOM manipulation like moving things around a web page which is easier for developers. JQuery is a simple syntax convention and set of techniques. Which are used to navigate around and select HTML elements in directive to respond to user behavior such as clicking. JQuery is a JavaScript library that simplifies the process of changing HTML elements and writing scripts on their website.

Introduction to JavaScript

- What is Scripting Language?
- Applications of JavaScript

Operators

- What are the Operators?
- Equality Operator
- Unary Operator
- Logical Operator
- Assignment Operator
- Relational Operator
- Conditional Operator

Functions in JavaScript

- Definition of Functions
- Scope of the Function
- Function Definition and Calling
- Parameters of Functions

JavaScript Arrays

JavaScript Control Statements

Classes and Objects

JavaScript Frameworks

- What is the Framework?
- Introduction to jQuery
- Features

Introduction to JQuery Selectors

Working with User Interface

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Exploring JQuery DOM

Visual Properties

Event Handling in jQuery

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