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Learning Style: On Demand

Technology: Microsoft

Difficulty: Intermediate

Course Duration: 12 Hours

Introduction to jQuery



About this course:

One of the most famous and used library for JavaScript is jQuery. In this course, you will figure out how to utilize jQuery to contribute extra power and intuitiveness to your pages. You'll perceive how to exploit jQuery in your website pages, how to work with the HTML archive, and even make server-side calls.

With jQuery, the JavaScript expert has access to the powerful tools for desktop and mobile developers' use, such as building event handlers and utilizing impacts for a responsive UI, the capacity to control your UI without invigorating the whole page, and making asynchronous calls to enhance the responsiveness of your web application. With the help of jQuery, you'll have the option to take your website pages to a whole new level!

This course is intended to suit web developers who have some experience building pages. Different lessons in this course will acclimate candidates with the intricate details of fundamental JavaScript and then proceed onward to cutting edge tools for adding extremely valuable interactivity and responsiveness to a Web webpage as fast and effectively as conceivable with the assistance of pre-structured jQuery libraries.

Why Learn jQuery?

With HTML and CSS, you can design graphically appealing static website pages. With a touch of JavaScript, you can add dynamic conduct to these static sites. jQuery is a JavaScript library that gives you a great deal of dynamic conduct "out-of-the-box", permitting you to add some imaginative impacts to generally dull designs.

Why Use jQuery?

- It's very easy to use and learn
- Makes DOM manipulation easy
- Has cross-browser support
- Working with AJAX is simple
- Loads of information out there if you need assistance

Course Objective:

When you will finish this course, you would know:

- How to incorporate jQuery into your web pages
- To take advantage of promises to amplify the performance of your pages
- How to use JavaScript for making server-side calls
- How to traverse the DOM
- How to upgrade the user interface of your websites by using jQuery

Audience:

This course in intended for:

- Web developers
- UI/UX designers

Prerequisite:

- Basic knowledge of JavaScript is required
- Basic knowledge of HTML is required
- A basic understanding of CSS

Course Outline:

Module 1 : Adding jQuery to web pages

- Getting started with jQuery
- Adding jQuery to a page
- Using CSS selectors with jQuery
- Navigating the DOM with jQuery
- Getting started with DOM manipulation
- jQuery tips and tricks
- Quiz
- Lab

Module 2 : Managing content, events and effects

- Event handlers
- Modifying elements
- Registering event handlers
- Adding new elements
- Animations
- Removing, replacing and cloning
- Quiz
- Lab

Module 3 : Asynchronous programming and Ajax

- Using promises
- Web workers
- Using deferred
- JavaScript Object Notation
- Calling the server
- Final Exam
- Lab

Course Evaluation

- Course Evaluation?

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