



KIDS & TEENS FREELANCING TRAINING INSTITUTE

jQuery Course Outline

Module 1: Introduction to jQuery

- What is jQuery and why it became so popular
 - Real-life example: Animating a menu with just one line of code
 - How jQuery makes JavaScript simpler and shorter
 - Adding jQuery to your website easily
 - Activity: Add jQuery to a web page and make a simple alert pop up
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Module 2: Basic jQuery Syntax and Selectors

- Understanding the basic structure: `$ ( )`
 - Real-life example: Selecting all images and making them fade out
 - How to select elements by tag, class, or ID
 - Writing your first basic jQuery script
 - Activity: Hide a paragraph when you click a button
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Module 3: Handling Events with jQuery

- How to respond to clicks, hovers, form submissions, and more
 - Real-life example: Creating a hover effect on product cards
 - Using `.click()`, `.hover()`, `.submit()` and other event methods
 - How to chain multiple actions together
 - Activity: Make a button that changes text when clicked
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Module 4: Effects and Animations

- How to show, hide, slide, and fade elements
- Real-life example: Sliding down FAQs on a website

- Using `.show()`, `.hide()`, `.fadeIn()`, `.fadeOut()`, `.slideToggle()`
 - Combining animations for smoother effects
 - Activity: Create an FAQ accordion using slide toggles
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Module 5: Manipulating the DOM

- Adding, changing, and removing content easily
 - Real-life example: Dynamically adding new items to a list
 - Using `.html()`, `.text()`, `.append()`, `.remove()`
 - Modifying classes and CSS styles with `.addClass()` and `.css()`
 - Activity: Create a "New Item" button to add to a shopping list
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Module 6: AJAX with jQuery

- What is AJAX and why it's useful
 - Real-life example: Loading new blog posts without refreshing the page
 - Using `.load()`, `.get()`, and `.post()` methods
 - How to fetch and display data from servers
 - Activity: Load a piece of text into a div with a button click
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Module 7: Building a Mini Project with jQuery

- Combining selectors, events, and animations
 - Real-life example: A feedback form that shows a thank you message without reloading
 - Best practices for writing clean jQuery code
 - Testing and troubleshooting your scripts
 - Activity: Build a simple photo gallery with next and previous buttons
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Module 8: Final Project – Interactive Web App

- Build a mini web app using jQuery
 - Example idea: Create a quiz app that gives instant feedback
 - Add stylish animations and dynamic content updates
 - Activity: Present your interactive app to your classmates or friends
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Bonus Materials

- Quick reference sheet for common jQuery commands
- List of free plugins to make websites cooler
- Sample jQuery project templates
- Fun challenge: Animate a whole webpage!
- Certificate of Completion for jQuery Basics