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Affordable Fees
We provide quality training with lowest price. This opportunity is available only at TIB Academy.

Experienced Trainers
Learn technology with a experienced professional who have expertise in their particular technology.

Flexible Timings
We believe that everyone should get the opportunity to learn their desired course. So we provide flexibility timings.

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JavaScript Training Syllabus

Introduction
• What is JavaScript?
• What is AJAX?

Developer Essentials
• The development workflow
• Selecting the right tools for the job
• Just enough HTML and CSS
• Understanding objects
• Understanding variables
• Making comparisons
• Understanding events

Starting to Code
• Writing your first script
• Internal vs. external scripts
• Using comments in scripts
• Using the noscript tag in HTML

Interacting with Users
• Creating alert dialogs
• Understanding conditional statements
• Getting confirmations from users
• Understanding functions
• Making links smarter
• Using switch/case statements
• Handling errors

**JavaScript Language Essentials**
• Getting started
• Creating loops
• Passing values to functions
• Detecting objects
• Reading arrays
• Returning values from functions
• Writing arrays
• Building do and while loops
• Re-using functions

**Creating Rollovers and More**
• Creating a basic image rollover
• How to write a better rollover
• Creating a three-state rollover
• Making rollovers accessible and 508 compliant
• Making disjointed rollovers
• Creating slideshows & Displaying random images
Building Smarter Forms

• Getting started
• Creating jump menus Creating dynamic menus
• Requiring fields
• Cross-checking fields
• Displaying more informative errors
• Verifying radio button selections
• Setting one field with another field
• Verifying email addresses

Handling Events

• Responding to window events
• Responding to mouse movements
• Responding to mouse clicks
• Responding to onBlur form events
• Responding to onFocus form events
• Responding to keyboard events

Working with Cookies

• Demystifying cookies
• Writing a cookie
• Reading a cookie
• Displaying a cookie
• Counting with cookies
• Deleting cookies
• Handling multiple cookies
• Cookies in action

The DOM, Nodes, and Objects
• Understanding the DOM
• Adding nodes to the DOM
• Deleting nodes from the DOM
• Deleting specific nodes
• Inserting nodes into the DOM
• Replacing nodes in the DOM

Working with Dates and Times
• Displaying dates
• Displaying times
• Creating a countdown

Real World Applications of JavaScript
• Creating sliding menus
• Creating pop-up menus
• Creating slideshows with captions
• Creating a stylesheet switcher
Other Activities

Assessments

• **Objective Assessments**
  -- Syntactical based
  -- Scenario based
  
  Note: At least 2 objective based assessments in each module

• **Hands On – Practical Assessments**
  -- Scenario based
  
  Note: At least 2 Hands on assessments in each module

Assignments

• **Hands On – Practical Assignments**
  
  Note: At least 4 Hands on assignments in each module

Tasks – Home Work

• **Regular tasks on each module**
  
  Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

• **Work on one or two mini projects**

• **Discuss and convert the current working project into**
  
  Java Sceript project to add in resume & to explain Java script experience in interviews