

Programming in JavaScript

 Duration: 3 Days

 Available Languages: English German

Audience

Developers who want to learn JavaScript.

Precondition

Knowledge of HTML fundamentals.

Goals

Learn how to use JavaScript to design and develop dynamic Web pages.

Contents

- JavaScript Overview
 - Introduction to JavaScript
 - Variable Declarations
 - var vs let vs const
 - JavaScript Primitive Types – Boolean, Number, String, Undefined, Null
 - Interacting with the User – alert, prompt, confirm
 - JavaScript Operators – Arithmetic, Assignment
 - Callbacks
 - Arrow Functions
 - Using the Math and Date Objects
- Overview of Client Side JavaScript
- Controlling Flow
 - Conditional Constructs – if else, switch
 - Loop Types – do while, while, for, for in
 - Branching Statements – break, continue
 - Equality and Identity Operators
 - Logical and Comparison Operators
 - Error Handling – try, catch, throw, finally
- Strings, Numbers and Arrays
 - Creating String Objects
 - Using String Methods
 - Creating Number Objects
 - Creating Arrays and Accessing Array Elements
 - Common Array Methods

- Functions
 - Declaring and Invoking Functions
 - Passing Arguments
 - Global and Local Scope
 - Returning Values from a Function
 - this Keyword
- JavaScript / NodeJS Threading Model
- Async
- Browser Object Model
- Introduction to DOM
 - What is DOM
 - Selecting DOM elements
 - Modifying Page Content with the DOM
- Event Handling in JavaScript
- Working with Forms
- Using Regular Expressions
- Working with JavaScript Objects and JSON
- Using Ajax
- HTML5 JavaScript APIs

Booking

Contact Siddhesh Nikude, +91-95-52572354, training@nelkinda.com