

# JavaScript Essentials

Build a solid foundation in JavaScript programming through this comprehensive training program.

Category: Programming · Duration: 3 days

## WHO IT IS FOR

- Java developers
- Front-end developers
- Beginners welcome: no prior experience required

JavaScript Essentials is a comprehensive training program designed to equip participants with the necessary skills and knowledge to become proficient in JavaScript programming. This course covers the fundamental concepts of JavaScript, including variables, data types, functions, and control structures. Participants will learn how to manipulate the DOM, handle events, and create interactive web applications. By the end of the program, participants will have a solid understanding of JavaScript and be able to apply their knowledge to develop dynamic and engaging web applications.

## Prerequisites

Basic understanding of HTML and CSS is recommended.

## Syllabus

- Introduction to JavaScript
- Variables and Data Types
- Conditional Statements
- Loops and Iteration
- Functions
- Arrays and Objects
- Working with the DOM
- Event Handling
- Form Validation
- AJAX and Fetch API
- Error Handling
- Introduction to ES6

- Working with JSON
- LocalStorage and SessionStorage
- Working with Dates and Times
- Object-Oriented Programming in JavaScript
- Introduction to Asynchronous Programming
- Promises and Async/Await
- Working with APIs
- Introduction to Node.js and NPM