



JAVA TRAINING

Java Script Boot Camp Training Course

Master JavaScript fundamentals and advanced concepts to build dynamic web applications from scratch. Launch your career in web development.

DURATION

24 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This intensive 24-hour JavaScript Boot Camp training course is meticulously designed to elevate your programming skills from foundational understanding to intermediate proficiency, enabling you to build dynamic and interactive web applications with confidence. Geared towards individuals with basic programming knowledge, this bootcamp dives deep into core JavaScript concepts, modern ES6+ features, and practical application development. You'll master essential techniques for manipulating the Document Object Model (DOM), handling events, and working with asynchronous operations, all of which are critical for creating responsive and engaging user experiences.

By the end of this boot camp, you will be proficient in leveraging JavaScript to create robust frontend solutions. The course emphasizes hands-on coding and real-world project scenarios, ensuring you gain practical experience in building interactive forms, dynamic content updates, and client-side validation. This comprehensive training not only solidifies your JavaScript expertise but also equips you with a powerful toolkit for problem-solving and developing scalable web applications, significantly boosting your employability in the competitive tech landscape and preparing you for more advanced frameworks and libraries.

Duration	24 hours
Level	Intermediate
Vendor	Java

COURSE CURRICULUM

01 Module 1: JavaScript Fundamentals Review & Advanced Data Types

- Variables (var, let, const) and Hoisting
- Operators, Expressions, and Type Coercion
- Control Flow (conditionals, loops) and Scope
- Functions (declarations, expressions, arrow functions) and Closures
- Objects and Arrays: Deep Dive, Destructuring, Spread/Rest Operators
- Working with Primitive and Reference Types

02 Module 2: Modern JavaScript (ES6+) Features

- Template Literals and Default Parameters
- Enhanced Object Literals
- Classes and Object-Oriented JavaScript Principles
- Modules (import/export) for Code Organization
- Iterators and Generators Introduction
- New String, Array, and Object Methods

03 Module 3: Working with the DOM and Events

- Understanding the Document Object Model (DOM) Tree
- Selecting and Manipulating DOM Elements (get, query, set, remove)
- Modifying HTML Content, Attributes, and CSS Styles
- Event Handling, Event Listeners, and Event Object
- Event Bubbling, Capturing, and Delegation
- Building Interactive UI Components with JavaScript

04 Module 4: Asynchronous JavaScript and APIs

- Introduction to Asynchronous Programming Concepts

- Callbacks and the Challenge of Callback Hell
- Promises: Creation, Chaining, and Error Handling (.then(), .catch(), .finally())
- Async/Await for Cleaner Asynchronous Code
- Making HTTP Requests with the Fetch API
- Working with RESTful APIs (GET, POST, PUT, DELETE basics) and JSON Data

05 Module 5: Practical Project Development & Debugging

- Structuring JavaScript Projects for Scalability
- Effective Error Handling with try...catch blocks
- Debugging JavaScript in Browser Developer Tools
- Best Practices for Clean, Readable, and Maintainable Code
- Building a Dynamic Client-Side Application (e.g., interactive form, data display, or simple task manager)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Frontend Web Developer specializing in rich user interfaces**
- > **Junior JavaScript Developer**
- > **UI/UX Engineer focusing on interactive web elements**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge is expected before enrolling in this Intermediate JavaScript Boot Camp?

This boot camp is designed for individuals who already possess a basic understanding of HTML and CSS, along with some prior exposure to programming concepts. While we will briefly review JavaScript fundamentals, participants are expected to be familiar with basic syntax, variable declaration, and elementary control structures to fully benefit from the intermediate-level content and fast-paced nature of the course. Prior experience with logical thinking and problem-solving is also highly recommended.

Q: How will the skills learned in this JavaScript Boot Camp directly apply to career opportunities?

This boot camp specifically focuses on the core JavaScript skills demanded by modern frontend and full-stack development roles. You will gain hands-on experience in DOM manipulation, asynchronous programming, and working with APIs, which are crucial for building interactive user interfaces and connecting to backend services. The practical projects you'll complete will form a strong portfolio, demonstrating your ability to build dynamic web applications and preparing you for roles that require strong client-side scripting expertise, such as Frontend Developer, UI/UX Engineer, or Junior JavaScript Developer.

Q: Will I be able to build a complete, functional web application by the end of this 24-hour boot camp?

While the 24-hour duration is intensive, this boot camp is structured to provide you with the essential JavaScript skills and practical experience needed to build functional, interactive components and integrate with external data. You will participate in a guided project to apply all learned concepts and assemble a small-scale, dynamic client-side application (e.g., a mini-dashboard, task manager, or data-driven display). This project will demonstrate your ability to use modern JavaScript effectively in a real-world context, forming a solid foundation for more complex applications.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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