

Complete JavaScript Development Course

Course Overview

The **Complete JavaScript Development Course** is a comprehensive, job-oriented program designed to help students master JavaScript from the fundamentals to advanced concepts. This course covers **Core JavaScript, Advanced JavaScript, and Modern JavaScript (ES6 to ES10)** with hands-on coding exercises, real-world projects, and industry best practices. By the end of the course, students will be able to build interactive web applications and have a strong foundation for learning React.js, Angular, Node.js, and other modern JavaScript frameworks.

Course Duration

- **Duration:** 3 Months
 - **Mode:** Online / Offline
 - **Classes:** 5 Days per Week
 - **Live Projects:** 8+
 - **Assignments:** 60+
 - **Certificate:** Included
 - **Placement Assistance:** Included
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Course Fee

₹10,000/- Only

Course Modules

Module	Topics Covered
Module 1	Core JavaScript Fundamentals
Module 2	Functions, Objects & Arrays
Module 3	DOM Manipulation
Module 4	Advanced JavaScript Concepts
Module 5	Asynchronous JavaScript
Module 6	ES6 Features
Module 7	ES7 to ES10 Features
Module 8	API Integration & AJAX
Module 9	Mini Projects & Debugging
Module 10	Live Projects & Interview Preparation

Detailed Course Content

Module 1: Core JavaScript Fundamentals

- Introduction to JavaScript
- JavaScript Syntax
- Variables (var, let, const)
- Data Types
- Operators
- Input & Output
- Conditional Statements
- Loops
- Switch Case
- Basic Programs

Module 2: Functions, Objects & Arrays



- Functions
 - Function Parameters
 - Return Statement
 - Arrow Functions (Introduction)
 - Arrays
 - Array Methods
 - Objects
 - Object Methods
 - Date & Math Objects
 - String Methods
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Module 3: DOM Manipulation

- DOM Introduction
 - Selecting Elements
 - Changing HTML & CSS
 - Event Handling
 - Form Validation
 - Timers
 - Local Storage
 - Session Storage
 - Browser Events
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Module 4: Advanced JavaScript Concepts

- Execution Context
 - Hoisting
 - Scope
 - Closures
 - Callback Functions
 - Higher Order Functions
 - Prototype
 - Prototype Inheritance
 - this Keyword
 - Object-Oriented JavaScript
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Module 5: Asynchronous JavaScript

- Callbacks
 - Callback Hell
 - Promises
 - Promise Chaining
 - Async & Await
 - Fetch API
 - JSON
 - Error Handling
 - API Requests
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Module 6: ES6 Features

- let & const
 - Arrow Functions
 - Template Literals
 - Default Parameters
 - Rest Parameters
 - Spread Operator
 - Destructuring
 - Classes
 - Modules (Import & Export)
 - Maps & Sets
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Module 7: ES7 to ES10 Features

ES7

- Array.includes()
- Exponentiation Operator

ES8

- Async & Await
- Object.entries()
- Object.values()

- String Padding

ES9

- Promise.finally()
- Rest & Spread Properties
- Asynchronous Iteration

ES10

- Array.flat()
 - Array.flatMap()
 - Object.fromEntries()
 - Optional Catch Binding
 - String.trimStart()
 - String.trimEnd()
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Module 8: API Integration & AJAX

- AJAX Basics
 - XMLHttpRequest
 - Fetch API
 - REST APIs
 - CRUD Operations
 - JSON Server
 - Axios Introduction
 - API Authentication Basics
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Module 9: Mini Projects & Debugging

- Calculator
- Digital Clock
- To-Do List
- Notes App
- Quiz App
- Weather Application
- Expense Tracker

- API-Based Project
 - Browser Debugging
 - Chrome Developer Tools
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Module 10: Live Projects & Interview Preparation

- Student Management System
 - Employee Management System
 - Product Catalog
 - Portfolio Website
 - Movie Search App
 - Task Manager
 - E-Commerce Frontend
 - JavaScript Coding Challenges
 - Interview Preparation
 - Resume Building
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Technologies Covered

- JavaScript (Core)
- Advanced JavaScript
- ES6
- ES7
- ES8
- ES9
- ES10
- HTML5
- CSS3
- DOM API
- Fetch API
- AJAX
- JSON
- REST APIs
- Local Storage
- Session Storage
- Visual Studio Code

- Chrome Developer Tools
 - Git & GitHub (Basics)
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Live Projects

- Calculator Application
 - To-Do List
 - Weather Application
 - Quiz Application
 - Expense Tracker
 - Notes App
 - Movie Search App
 - Student Management System
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Career Opportunities

After completing this course, students can apply for roles such as:

- JavaScript Developer
 - Frontend Developer
 - Web Developer
 - React.js Developer (Entry Level)
 - UI Developer
 - Software Developer
 - Frontend Engineer
 - Freelance JavaScript Developer
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Prerequisites

- Basic Computer Knowledge
- No prior programming experience required

- Suitable for Students, Freshers, and Working Professionals
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Certification

Upon successful completion of the course, students will receive:

- Complete JavaScript Development Course Completion Certificate
- Live Project Certificate
- Internship Certificate (*if applicable*)
- Placement Assistance & Interview Preparation Support