

# JavaScript Programming Program

**Code the Web. Interactivity Starts Here.**

JavaScript is the **language of the web**—driving interactivity, dynamic content, and seamless user experiences across browsers and platforms. It powers everything from simple websites to complex web apps, mobile apps, and even backend systems via Node.js.


At **Certed Technologies**, our **JavaScript Programming Program** is designed to help learners **build interactive front-end components, manipulate the DOM, handle events, and create data-driven, responsive web applications.**

---

## Why JavaScript? Why Now?

JavaScript is **everywhere in today's tech ecosystem**, used by frontend developers, full stack engineers, mobile app creators, and even backend developers.

**Why JavaScript dominates in 2025:**

-  It's the **most widely-used language** for web development
  -  Powers full-stack (via Node.js), mobile (React Native), and even desktop (Electron)
  -  Essential for careers in **frontend and full stack development**
  -  High demand across startups, tech companies, and freelancing platforms
- 

## Learn from Full Stack & JavaScript Experts

This course is taught by **industry professionals with experience in web, mobile, and cloud-based applications**, ensuring a practical and project-oriented learning experience.

---

## Program Highlights

Feature	Details
Duration	1.5 Months / 50–60 Hours
Delivery Mode	Hybrid (Online + Offline)
Tools Covered	VS Code, Chrome DevTools, Node.js, npm, GitHub
Project Work	4 Mini Projects + 1 Capstone Project
Certifications	Certed Technologies Certificate + JavaScript Proficiency Badge
Career Support	Resume Optimization, Frontend Interview Prep, Portfolio Setup

---

## What You'll Learn

### Module 1: Introduction to JavaScript

- What is JavaScript?
- JS in Web Development
- Setup with VS Code & Browser Console

### Module 2: Variables, Data Types & Operators

- `var`, `let`, `const`
- Primitive & Reference Types
- Type Conversion, Operators, and Expressions

### Module 3: Control Flow and Functions

- Conditionals: if-else, switch
- Loops: for, while, do-while
- Functions, Arrow Functions, Scope & Hoisting

## **Module 4: Arrays, Objects & DOM**

- Array Methods: `map`, `filter`, `reduce`
- Object Literals, Destructuring
- Introduction to the DOM
- Selecting, Modifying, Creating DOM Elements

## **Module 5: Events, Forms & Validation**

- Event Listeners, Event Object
- Form Handling
- Client-side Validation Techniques

## **Module 6: ES6+ Features & Asynchronous JavaScript**

- Template Literals, Spread/Rest, Destructuring
- Callbacks, Promises, Async/Await
- Fetch API and AJAX Basics

## **Module 7: Capstone Project**

Capstone Project Ideas:

- To-Do App with Local Storage
  - Weather App using API
  - Personal Portfolio Website
  - Expense Tracker Web App
-

## Who Should Enroll?

Perfect for:

- Students from any stream (especially CS/IT/BCA/MCA)
  - Aspiring **frontend or full stack developers**
  - Anyone entering **web development**
  - Freelancers building websites or browser apps
- 

## Career Outcomes

Post-course, learners can target roles such as:

- JavaScript Developer
- Frontend Web Developer
- UI Developer
- Junior Full Stack Developer

### Hiring Industries:

Web Dev Agencies | Tech Startups | E-commerce | EdTech | Freelance & Remote Work

---

## Tools & Platforms Covered

VS Code | Chrome DevTools | Git & GitHub | Node.js (Basics) | HTML & CSS (Review Level) | Browser APIs

---

## Sample Project Ideas

- Interactive Quiz Game
  - Currency Converter using API
  - Notes App with Save/Delete
  - Image Gallery with Modal Popups
  - Calculator using Pure JS
- 

## Certification

Get a **Certed Technologies Certificate** and a **JavaScript Proficiency Badge**—proof of your skill in building interactive, real-time, and browser-based apps.

---

## What Makes This Course Unique?

- ✓ Real-World Frontend Interactions
  - ✓ Project-Based Learning
  - ✓ Aligned with Full Stack Roadmap
  - ✓ Covers ES6+, Promises, and APIs
  - ✓ Prepares You for Frameworks like React, Vue, Angular
- 

## Upcoming Batch

Batch Start Date	Mode	Status
15 July 2025	Online	Open
22 July 2025	Offline	Few Seats Left
05 August 2025	Hybrid	Open

---

## Custom JavaScript Training for Colleges & Teams

We also deliver JavaScript as part of:

- Frontend Development Bootcamps
- Full Stack Web Developer Courses
- Placement Prep Modules
- Web Tech Clubs & Hackathon Teams


### Customization Options

- Add React/Angular Module
- Include HTML + CSS Intensive
- Create Domain-Based Projects (e.g., E-commerce, Blogs, Portals)
- Git + Hosting with GitHub Pages

---

### Talk to an Advisor

 Email: [support@certedtechnologies.com](mailto:support@certedtechnologies.com)

 Call/WhatsApp: +91-8920158923 | +91-9009015026

---

### Ready to Code for the Browser?

**“If HTML is the skeleton and CSS is the skin—JavaScript is the brain of the modern web.”**  
Master browser logic, interactivity, and real-world functionality today.

[ [Enroll Now](#)]    [ [Request a Callback](#)]

---

### Frequently Asked Questions (FAQs)

1. **Do I need prior coding experience?**

Basic HTML/CSS knowledge helps, but we cover fundamentals from scratch.

2. **Is this course good for web development beginners?**

Absolutely! JavaScript is your starting point for dynamic web development.

3. **Does this course include DOM and event handling?**

Yes. You'll deeply explore DOM manipulation, forms, and event-driven programming.

4. **Will I build projects during the course?**

Yes—each module includes tasks, and a capstone project wraps it all together.

5. **Can I learn React after this course?**

Definitely! This program gives you the core foundation needed to jump into React or any JS framework.

---