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Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration: 8 Hours

Fundamentals of Modern Javascript

About this Course:

The Fundamentals of Modern JavaScript course is a comprehensive journey that equips learners with essential skills to become proficient JavaScript developers. Whether you're a beginner or seeking to strengthen your existing knowledge, this course covers everything you need to know.

Course Objectives:

- Understand the basics of data types, operators, and variables in programming.
- Learn how to declare and use variables to store different types of data (e.g.,

numbers, strings, booleans).
- Explore common operators (arithmetic, comparison, logical) and their applications.
- Explore the fundamental building blocks of programming languages: sequence, selection (conditionals), and iteration (loops).
- Understand the importance of executing instructions in a specific order (sequence).
- Dive into JavaScript functions and function expressions.
- Understand how to create, call, and pass parameters to functions
- Explore the concept of test-driven development (TDD) and write unit tests using tools like Jest.

Audience:

- Beginners to Programming
- Front-End Developers
- Back-End Developers

Prerequisites:

- No coding experience is necessary; this course takes you from beginner to expert.
- Any computer and OS (Windows, macOS, or Linux) will work.
- Basic familiarity with HTML and CSS is a plus but not required; the course includes an HTML and CSS crash course.
  their skillset

Course Outline:

This Course Includes:

- Course Introduction
- Module 1: Datatypes and Variables
- Module 2: Sequence, Selection, and Iteration
- Module 3: Working with Functions in Modern JavaScript