

JavaScript Topics to Cover

JavaScript Topics

1. Basics

- Introduction to JavaScript
- Variables (var, let, const)
- Data Types & Type Conversion
- Operators & Expressions
- Control Structures (if, switch, loops)

2. Functions & Scope

- Function Declarations & Expressions
- Arrow Functions
- Callback Functions
- Closures & Lexical Scope

3. Objects & Arrays

- Object Literals & Prototypes
- Array Methods (map, filter, reduce)

4. DOM Manipulation

- Selecting Elements (getElementById, querySelector)
- Event Listeners
- Modifying HTML & CSS with JS

5. Asynchronous JavaScript

- Callbacks, Promises & Async/Await
- Fetch API & Axios

6. ES6+ Features

- Template Literals
- Destructuring
- Modules (import/export)

7. Advanced Topics

- Object-Oriented JavaScript
- Error Handling (try...catch)
- Performance Optimization