

# JAVASCRIPT SYLLABUS

## JavaScript Basics (FOUNDATION 🔥)

- Variables (var, let, const)
- Data Types
  - Primitive
  - Non-Primitive
- Type Conversion & Coercion
- Operators
  - Arithmetic
  - Comparison
  - Logical
  - Assignment



## Control Statements

- if, if-else
- switch
- Loops
  - for
  - while
  - do-while
- break & continue

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## Functions (VERY IMPORTANT 🔥)

- Function Declaration
- Function Expression
- Arrow Functions
- Parameters & Arguments
- Return Statement
- Callback Functions

## Arrays

- Creating Arrays
- Array Methods
  - push, pop
  - shift, unshift
  - map
  - filter
  - reduce
- Iteration (for, forEach)

# JAVASCRIPT SYLLABUS

## Objects

- Object Creation
- Accessing Properties
- Object Methods
- this keyword
- Nested Objects

## Strings & Numbers

- String Methods
- Template Literals
- Number Methods
- Math Object