Internship Report – Week 4 – Day 2

Topic: Variables (var, let, const) & Data Types
Date: 15 July, 2025

Overview

Day 2 focused on learning how to declare variables in JavaScript and understanding the types of data JS handles.

Key Concepts Covered:

1. **Variable Declarations:**

   - var: Function-scoped, supports hoisting.

   - let: Block-scoped, introduced in ES6, safer for modern JS development.

   - const: Block-scoped and used for values that should not be reassigned..

2. **Data Types in JavaScript:**

   - **Primitive Types:**

     String, Number, Boolean, Null, Undefined, Symbol, BigInt

   - **Non-Primitive Types:**

     Object, Array, Function

3. **Type Checking:**
   The typeof operator was introduced and used to determine the type of various variables.

Learning Outcome

Understood how variables are declared and managed in JS, as well as the distinction between primitive and non-primitive data types.

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