JavaScript vs. TypeScript: Why does it matter more than you think?

01

JavaScript and TypeScript – they look similar, but they play different roles.

02

JavaScript: The Core Language

- Interpreted, dynamic, and flexible
- Powers most websites you visit
- Great for fast development

03

TypeScript: A JavaScript Upgrade

- Superset of JavaScript
- Adds static typing for safer code
- Created by Microsoft

04

Why TypeScript? It catches bugs early, while you code – not after.

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Key Differences

- JavaScript: no types, more freedom
- TypeScript: static types, more control

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Benefits of JavaScript

- Faster to learn for beginners
- Flexible and forgiving
- Wide community and libraries

07

Benefits of TypeScript

- Better error checking and debugging
- Helps with large, complex projects
- Integrates well with IDEs

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When to Choose
JavaScript

- Small projects or prototypes
- You need speed over precision
- Little need for scalability

09

When to Choose
TypeScript

- Enterprise-level or long-term projects
- Need for maintainable code
- Teams working on complex codebases

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In short: JavaScript is fast and flexible. TypeScript is safe and structured.

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