

Interviewee: [REDACTED]

Information Systems undergraduate - Graduate in Software Engineering

Developer at [REDACTED]

JS experience: 9 years since first exposure, 6 years professionally

Other languages: Java, Kotlin, PHP, C

Builds new and maintains components.

**JS Pros:** Very popular because of its flexibility. Runs on several platforms. From ES6 onwards, it became applicable to many domains. It can be the entry point for new programmers. “Como é uma linguagem extremamente simples, você consegue rodar no navegador em um simples console... [...]”. In a Web context, JS is somewhat ‘native’.

**JS Cons:** Not statically typed, which can be a problem in many situations, especially for inexperienced developers. This can lead to unexpected behavior in code.’

**Do you think JS leads to hard-to-understand code?** Not because of dynamic typing. This depends more on the design, and about how developers maintain the code. [REDACTED]

**Any JS construct that can be particularly difficult to understand?** Not specifically.

Atom	Preferred version
Arithmetic as Logic	Without atom
Assignment as Value	Without atom
Automatic Semicolon Insertion	Without atom
Comma Operator	Without atom
Ternary operator	With atom
Implicit predicate	With atom
Logic as Control Flow	Without atom
Omitted Curly Braces and Indentation	Without atom
Post Increment	Without atom
Pre Increment	Without atom

**Any relevant remarks about JS?** It has evolved a lot over time.

