

This certification is for all Javascript users who wish to certify their skills regardless of their level.

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| 🚩 Assessment |
| ✔️ 20 questions ⌚ 40 minutes |
| 🚩 Certification |
| ✔️ 20 questions ⌚ 60 minutes |
| 🚩 In-app questions ¹ |
| 🚩 Adaptive testing |

Proficiency Level by Career:

- **Beginner/ Basic:** the candidate is not able to use the coding language in a professional environment.
- **Productive:** Business analyst, biostatistician.
- **Advanced:** developer, data scientist.
- **Expert:** JavaScript trainer, technical expert, team leader.



Skill Domains:

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|-----------------------------|--|
| Language and Syntax | <ul style="list-style-type: none">🚩 Knowing the main characteristics and specificities of the language🚩 Knowing basic functionalities and syntax🚩 Managing the inputs, outputs, and errors of a program |
| Data Structures and Objects | <ul style="list-style-type: none">🚩 Creating and manipulating primitive objects, embedded objects or more complex custom objects🚩 Understanding and manipulating the properties of an object🚩 Understanding and manipulating the prototype of objects |
| Packages and API | <ul style="list-style-type: none">🚩 Creating shareables and reusable features🚩 Retrieving data from a server🚩 Creating and manipulating asynchronous functions🚩 Managing errors and successes during the execution of a program |
| Applied JavaScript | <ul style="list-style-type: none">🚩 Writing a program that handles different types of data in an optimized way🚩 Understanding and finding errors within a code and correcting them🚩 Searching for information in the documentation🚩 Reading and understanding a stack-trace to deduce the origin of a bug |

Expertise Report:

Comprehensive and easy-to-interpret skills reports are generated at the end of each assessment test. They help you:

- **Identify** candidates' skills at a glance.
- **Adapt** your programs to their training needs.
- **Measure** the effectiveness of your programs.
- **Obtain** group reports or progress reports.

Languages and Versions:

English and French -

For additional information, please contact edu@isograd.com

Why certify with Tosa?

It is essential to make a difference in the job market. **Tosa certifications enable candidates to measure and attest to their digital skills.** Tosa certifications deliver a score out of 1,000 for candidates to put on their resume or on their professional networks.

According to our certified candidates, the Tosa certification:

- 🔧 Gives them more confidence in their skills (86%)
- 🔧 Adds value on their CV (76%)

Understanding the Tosa score

The Tosa certification is based on a single score scale, available in five levels:

| Level | Scores | Certification status & documents issued | Description |
|------------|------------|--|--|
| Expert | 876 – 1000 | Certification earned - diploma & Credly digital badge issued | Candidates have a comprehensive knowledge of the subject being assessed. Their productivity in its use is optimal. |
| Advanced | 726 – 875 | Certification earned - diploma & Credly digital badge issued | Candidates have a very good command of the subject evaluated. Their productivity is excellent. |
| Productive | 551 – 725 | Certification earned - diploma & Credly digital badge issued | Candidates are autonomous on the current operations they encounter in their professional environment. |
| Basic | 351 – 550 | Certification failed - certificate of completion issued | Candidates have sufficient knowledge to perform simple tasks. |
| Initial | 1 – 350 | Certification failed - certificate of completion issued | Candidates have notions on the subject evaluated to understand its use in a given context. |

What is an in-app question?

Beyond traditional MCQs, our tests offer the candidate practical exercises (or in-app questions) directly in the development environment or software.

- 🔧 **Online in-app question:** a software window opens directly in the test environment. Candidates *do not* need to have the software installed on their computers.
- 🔧 **Desktop in-app question:** to respond to the exercise, candidates must download the answer file and *open it in the software that must be installed on their computer*. Then, the candidate must submit the file on the Tosa platform.
- 🔧 **Web in-app question:** candidates have a connection link to the software in its web version with login credentials. They must click on the link that opens a new tab, log in, and answer the question.

What is adaptive testing?

Our technology adapts the test's difficulty to the candidate's answers. The more difficult the questions asked, the higher the candidate's proficiency level.