

# New data reveals JavaScript SEO skills gap within SEO community

A new report by [Sitebulb](#) reveals that a third of SEOs aren't comfortable recognizing a website's dependence on JavaScript, investigating SEO issues caused by JavaScript, or explaining JavaScript SEO issues to stakeholders.

The [2024 JavaScript SEO Report](#) also includes Sitebulb usage data highlighting the transition over time from basic HTML crawling to JavaScript-enabled website crawling. This data shows how Sitebulb users have chosen to crawl websites with Sitebulb over the last four years, illustrating how the JavaScript Crawler has taken over as the dominant choice. This shows how important SEOs now believe JavaScript rendering to be for indexing and ranking.

However, the report also includes survey data, which shows a significant lack of confidence when it comes to identifying, investigating, and explaining SEO issues caused by JavaScript.

Patrick Hathaway, CEO & Co-Founder of Sitebulb, said the report shows there's work to do to close this skills gap.

"We as an industry need to work harder on improving our tools to make it easier to detect, explore and report on JavaScript issues. We need a focus on education and training to ensure that SEOs have the support they need to approach JavaScript SEO with confidence. And we need both recognition and desire from SEOs themselves that this is an area for improvement."

Renowned SEO Consultant, Aleyda Solis, said of the report:

"We can see that there's an important gap in the existing resources and tools helping SEOs to audit and assess JS-related SEO configurations and potential issues."

In an effort to close this skills gap, Sitebulb has created a [JavaScript SEO hub](#) of resources and, in partnership with [Women in Tech SEO](#) and [The Gray Dot Company](#), will be hosting a live JavaScript SEO training course in September. Open to all, SEOs can sign up for the free training at [bit.ly/js-seo-training](https://bit.ly/js-seo-training)

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## Editor's Notes

- Survey data is based on 301 responses submitted by webinar registrants, Sitebulb customers, and social media followers (country agnostic).

- 64.1% of respondents are agency side or consultants, while the remaining 35.9% are in-house.
- Just under a third of respondents (29.3%) had 5 years of experience or less in SEO. 29.2% had between 5 and 10 years of experience, while 41.5% had 10 or more years of experience.
- Survey data was collected via a Typeform of 8 questions about JavaScript SEO
- 31.9% of respondents said they don't know how to determine if a website is significantly reliant on JavaScript.
- 30.9% of respondents said they don't feel comfortable investigating SEO issues caused by JavaScript.
- 32.9% of respondents said they don't feel comfortable explaining SEO issues caused by JavaScript to clients and stakeholders.
- All graphs can be shared directly on social media or downloaded as image files for republishing from <https://sitebulb.com/javascript-seo/report/>