## PRERENDER

Allows search engines to crawl SEO-friendly versions of your Javascript website.



#### **PROBLEM AND CHALLENGES**

The client offers a complicated product for professionals in SEO and web development and needed a website that met the challenge of explaining how their product helps accelerate SEO for customers to find their clients' websites and drive sales and engagement.

The challenge was to design and develop a website that used UI and UX and graphic design to explain their story in simple terms.



We created a fresh-looking logo, design, and custom-made pictures so they stand out and look smart. We've also provided the custom WordPress theme with the usage of the most advanced SEO and Advanced Custom Fields plugins to make the website responsive and fast. The outcomes were a responsive and fast website, a happy client and more customers for them.



WHERE DO YOU WANT TO GROW YOUR BUSINESS TODAY? Made with 💙 in Miami, Kyiv, Kharkiv and Zaporizhzhya



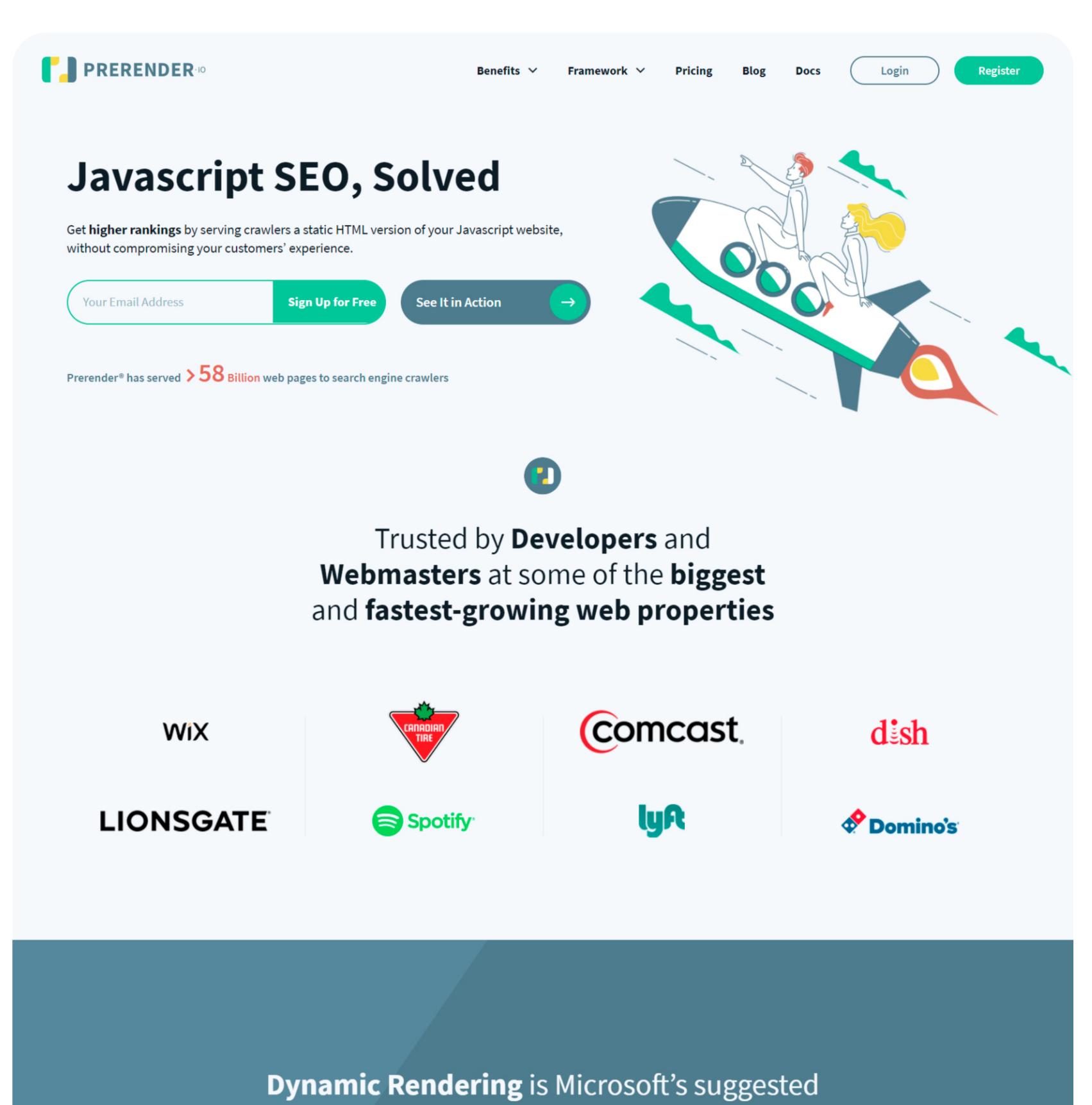
#### **SOLUTION AND RESULTS**

www.teammediamagic.com

# PRERENDER

home page

https://prerender.io



solution for rendering JavaScript, and Prerender®

# is specifically recommended by Google in their docs for developers →



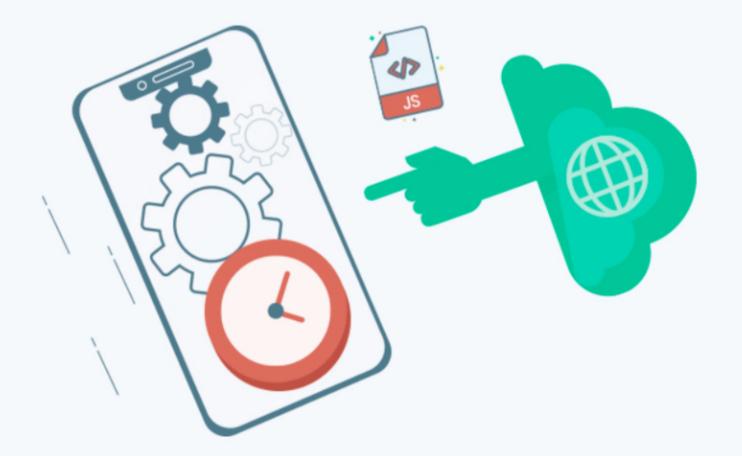
# Dynamic Rendering: The Solution for Visitors and Search Engines

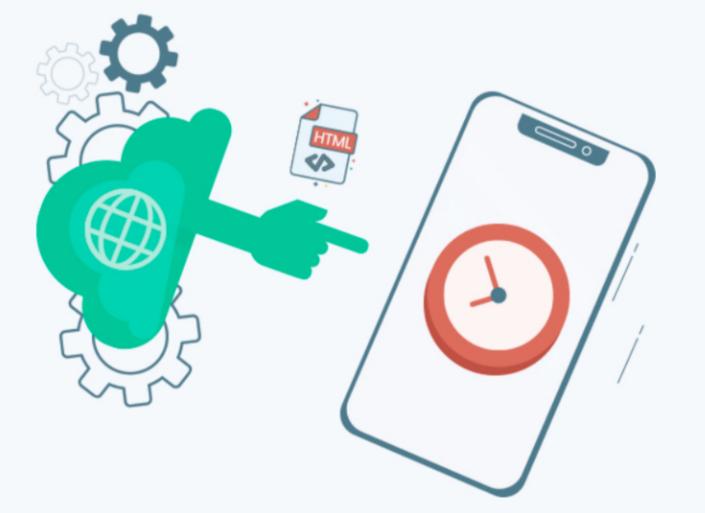


#### **Client-Side Rendering**

When a user visits a JavaScript site, their browser downloads several files and executes the code to figure out how the page should look. This is called client-side rendering because it uses the computing power of the client device.

That's fine for most human users, but search engine crawlers move quickly, learning as much as possible without using up their computing resources. So when they find a JavaScript site, they might read only a few pages and get an incomplete picture of it.





#### **Server-Side Rendering**

Crawlers also have a second queue for rendering, adding JavaScript sites to the index too late, resulting in poor rankings.

JavaScript sites can be rendered on the server side instead, but doing so is hard work for the server, can be tricky and produce slow or lost interactive elements.



#### **Dynamic Rendering**

That's where dynamic rendering comes in. The server can distinguish between human and robot, giving the human the full experience and the robot a lightweight HTML version.

Dynamic rendering is preferred by search engines and comes without an SEO penalty for cloaking content, making it the clear best choice.



Prerender<sup>®</sup> can seamlessly render Javascript built with the most popular frameworks & libraries



Vue JS

Angular

JS

Others

Before using Prerender<sup>®</sup>, our site had challenges with crawling and our pages were largely not indexed due to the site being a singlepage app using AngularJS. Most of the options we looked at required an extensive amount of work, which also translated to very high costs. Prerender<sup>®</sup> provided an easy to use and effective solution to the problem. Within days of integrating with Prerender<sup>®</sup>, we immediately saw tens of thousands of our pages being crawled and indexed by Google. Our organic traffic naturally saw a very steady increase over the next few months. Prerender's support was great and responsive in the rare instances that we needed it.



**Uman Chan** The Vitamin Shoppe

### Why use Prerender<sup>®</sup>?



#### Leave Google and Your Users Happy.

Prerender's middleware detects when Google pays your website a visit, producing an easily-crawled version. Human users see the dynamic Javascript version, leaving you in control of their



#### **Google-Recommended**

Google and Bing suggest dynamic rendering solutions to fix JavaScript rendering issues. In fact, Google's docs specifically recommend Prerender<sup>®</sup>, **so you can focus on development and leave SEO to the marketers.** 

experience.



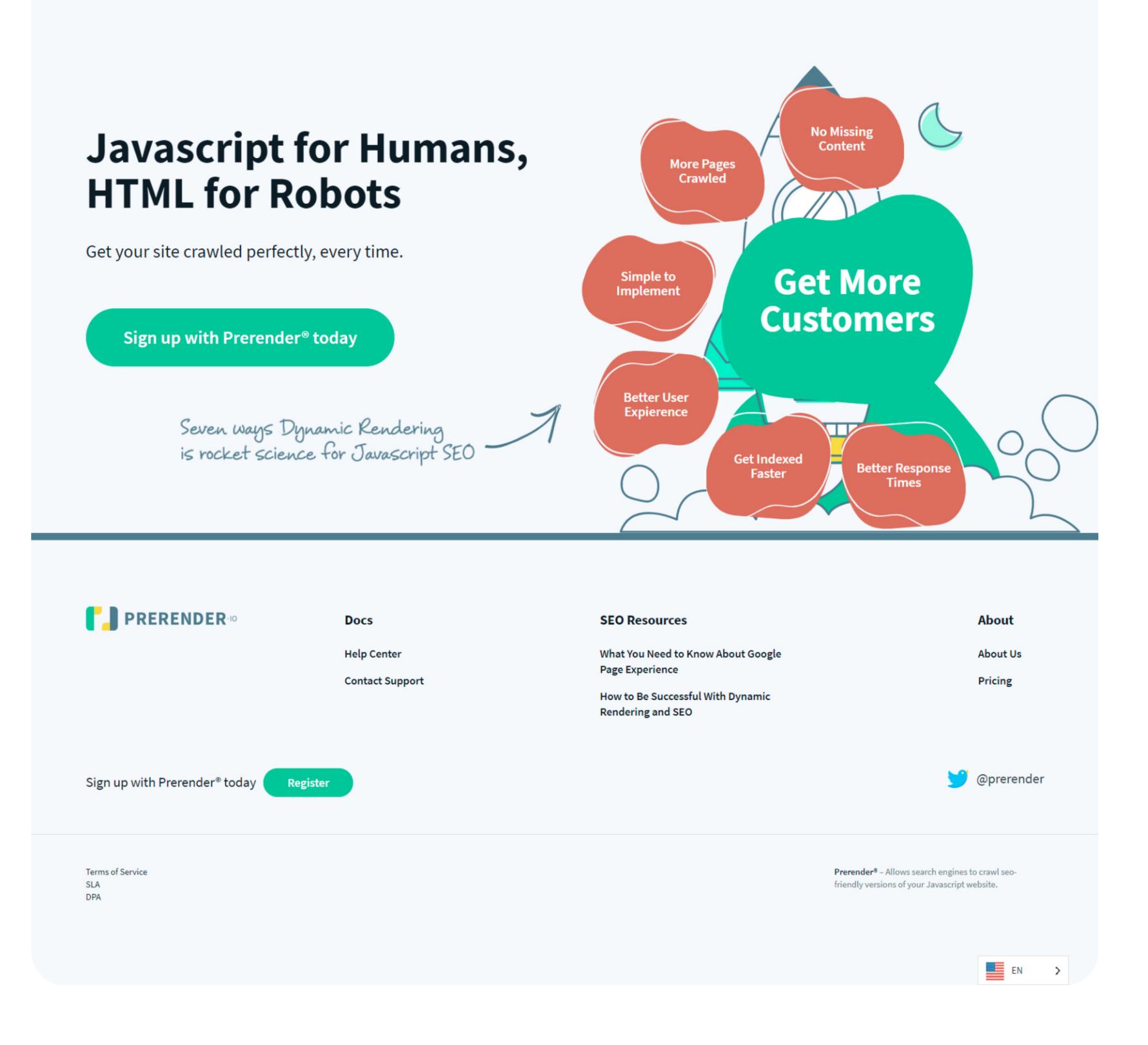
#### Easy, Reliable, Scalable Service

Just a quick install of our middleware is all you need. Prerender's hosted service takes care of the rest with a 99.9% service commitment.



#### **Open Source and Community-Supported**

Prerender<sup>®</sup> is maintained by a passionate community of industry experts who care about the software. They've got solutions whatever your configuration. You can even build your own server.



# PRERENDER

framework page

https://prerender.io



app.use(express.static('public'));
app.listen(port, () => {



### JavaScript SEO is Hard. Prerender<sup>®</sup> Makes It Easy.



After moving to Angular, our team chose Prerender® to support our SEO objectives. The service and support we have received from the staff at Prerender® has been phenomenal. This has allowed us to focus on our core technology while their service provides reliable and fast prerendering for our website.

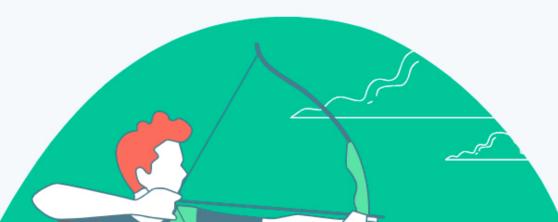
> Bryce Melvin VP of Product & Business Operations Mightycause



With over 1 million pages within the US and another 500,000 in Canada, Prerender® helps our sites get crawled faster, and helps with our visibility for potential clients on search engines. Choose Prerender® to aid with issues rendering your web pages.

> Donald O'Connor Technical SEO Analyst Insight

### JavaScript SEO-Friendly Checklist



Mobile SEO Optimization

**Meta Tags** 

 $\checkmark$ 

HTTPS Configuration	~
Page Speed	~
Sitemap	~

### How Much Can Crawlers Read on JavaScript Websites?

Content	Googlebot Behaviour	Bingbot (& Others) Behaviour
Content in the HTML (server side)	Always Indexed	Always Indexed
Content generated by Vue in real time	Usually Indexed	Inconsistently Indexed
Content generated after calling an external service	<ul> <li>Might get indexed if it loads fast enough, Googlebot has a short rendering queue at the time, and/or your site already ranks well</li> </ul>	<ul> <li>Inconsistently Indexed; almost always with problems</li> </ul>
Content on pages whose URLs are generated by Vue	Inconsistently Indexed	🚫 Never indexed
Content inserted into the DOM after user actions	Very unlikely to be indexed	Never indexed, as far as we know

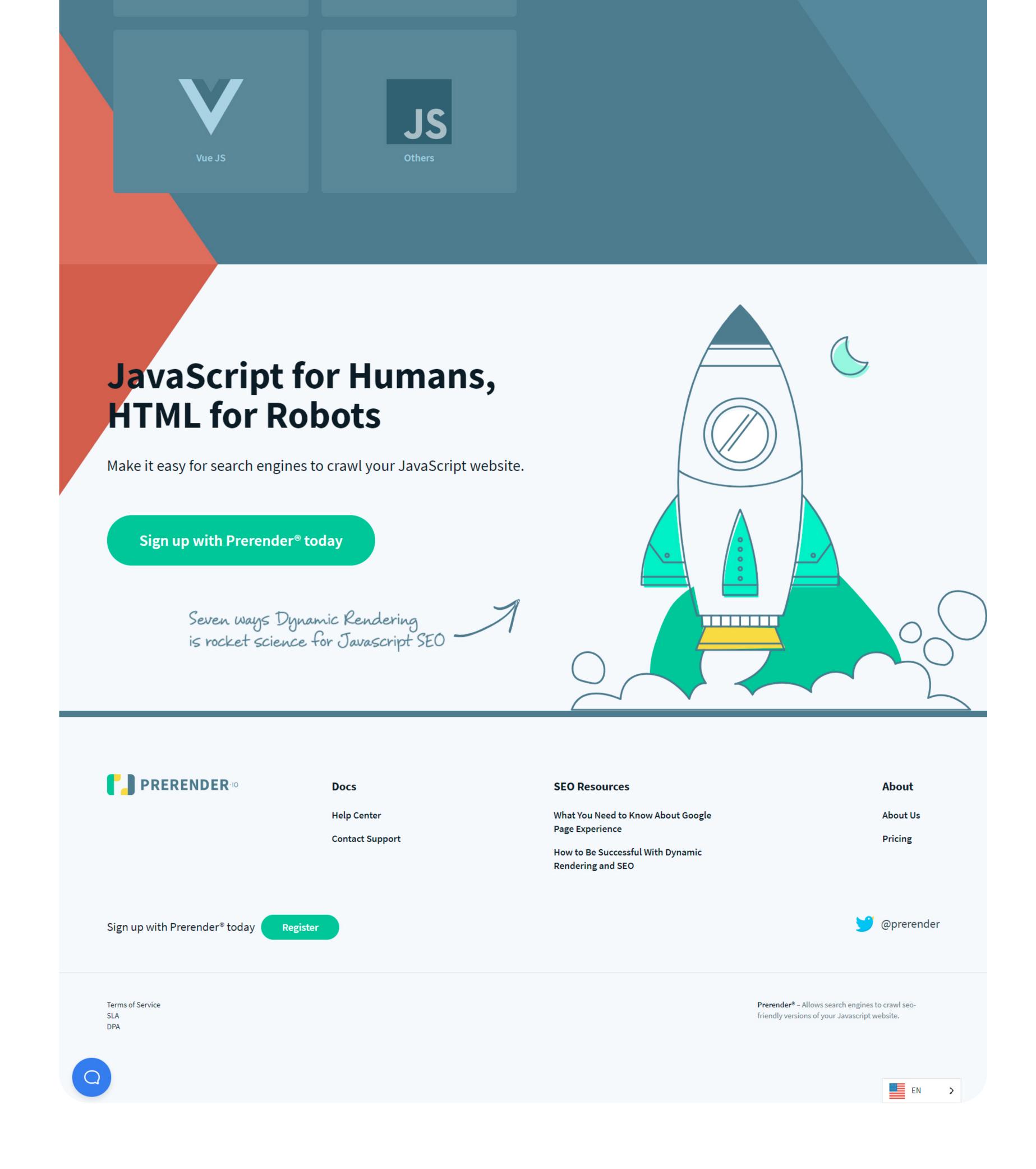
Prerender<sup>®</sup> solves SEO for websites and apps built with popular JavaScript frameworks



React



Angular



### WHERE DO YOU WANT TO GROW YOUR BUSINESS TODAY?

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### CONTACT US AT THESE MESSAGING APPS





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