Tips to increase
Website Speed

Compress and optimize your images

By reducing your images' file sizes, you can reduce their 'weight', ultimately helping your pages load more quickly.

Websites you can use to optimize images:

https://tinypng.com/
https://imagecompressor.com/

Lazy Load images

You can also use Intersection observer API to further lazy load images

@coder_aishya

→

Minify CSS

- Minifying code means removing anything that a computer doesn't need in order to understand and carry out the code, including code comments, whitespace, and unnecessary semicolons.
- This makes CSS and JavaScript files slightly smaller so that they load faster in the browser and take up less bandwidth.

Css Minify Tools:

https://www.cleancss.com/css-minify/
https://www.toptal.com/developers/cssminifier

Use a CDN if possible for external libraries css

@coder_aishya

Use Gzip for file compression

- GZip is a form of server-side data compression that's helpful in reducing page loading time.
- Gzip compression reduces the size of your HTML, stylesheets, and JavaScript files. Note, it does not work on images or videos, as these are already compressed separately.

Reduce your redirects

- A redirect is when visitors to one webpage get forwarded to a different page instead. Redirects add a few fractions of a second, or sometimes even whole seconds, to page load time.
- When building a performance-optimized website, every second counts.
- Redirects are sometimes unavoidable, but they shouldn't be used if not necessary.

Use tool:

https://redirectmapper.com/

@coder_aishya

Place Javascript files at bottom & use async or defer

- Javascript script files should be placed at bottom before closing of body tag.
- In HTML5, you can also tell browser when to run your JavaScript code using async or defer attributes to script tags

Enable browser caching

- Instructions for browser caching go in the headers of HTTP responses from the hosting server.
- This greatly reduces the amount of data that the server needs to transfer to the browser, shortening load times for users who frequently visit certain pages.

@coder_aishya

Consider Using Prefetch, Preconnect, and Prerender Techniques

prefetch,preconnect and prerender are some of different prefetching and preloading techniques that you can use to give hints to the browser about which resources will be required to render the page before the browser actually needs those resources.

@coder_aishya

Follow me for more

in aishwarya-dhuri

coder_aishya

DID YOU FIND THIS USEFUL?

Let me know in the comment section.

SAVE IT