

Transcrição da aula

Esse é o segundo módulo do curso e aprendemos a otimizar front-end do site do **Alura**.

Vamos encerrar mostrando uma ferramenta, a *Page Speed Insights*, que está no link

<https://developers.google.com/speed/pagespeed/insights/> (<https://developers.google.com/speed/pagespeed/insights/>).

Abrindo o site você pode colar a "url" desejada no campo e clicar em "Analisar". Ele vai baixar e dar uma nota do desempenho de nosso site em relação a performance e outras coisas. Observe a nota que a versão inicial do site recebeu:

The screenshot shows the Google PageSpeed Insights interface. At the top, the browser address bar displays the URL: <https://developers.google.com/speed/pagespeed/insights/?url=http%3A%2F%2Foriginal-dot-curso-alura-site.appspot.com%2F...>. Below the address bar, the page title is "PageSpeed Insights" with a "G+1" button. A search bar contains the URL "http://original-dot-curso-alura-site.appspot.com/" and an "ANALYZE" button. Below the search bar, there are two tabs: "Mobile" (selected) and "Desktop". The main content area shows a "53 / 100" score and a "Suggestions Summary" section. Under "Should Fix:", there are two items: "Leverage browser caching" and "Optimize images", each with a "Show how to fix" link. Under "Consider Fixing:", there is one item: "Eliminate render-blocking JavaScript and CSS in above-the-fold content", also with a "Show how to fix" link. On the right side, there is a preview of a laptop displaying the Alura website.

← → ↻ <https://developers.google.com/speed/pagespeed/insights/?url=http%3A%2F%2Foriginal-dot-curso-alura-site.appspot.com%2F> ☆

Products > PageSpeed Insights

PageSpeed Insights

<http://original-dot-curso-alura-site.appspot.com/> **ANALYZE**

Mobile **Desktop**


46 / 100 Speed

! Should Fix:

- Leverage browser caching
→ [Show how to fix](#)
- Eliminate render-blocking JavaScript and CSS in above-the-fold content
→ [Show how to fix](#)
- Optimize images
→ [Show how to fix](#)

! Consider Fixing:

- Minify JavaScript
→ [Show how to fix](#)



Ele mostra diversas práticas recomendáveis para melhorar a performance do site.

← → ↻ <https://developers.google.com/speed/pagespeed/insights/?url=http%3A%2F%2Foriginal-dot-curso-alura-site.appspot.com%2F...> ☆

46 / 100 Speed

! Should Fix:


- Leverage browser caching
→ [Show how to fix](#)
- Eliminate render-blocking JavaScript and CSS in above-the-fold content
→ [Show how to fix](#)
- Optimize images
→ [Show how to fix](#)

! Consider Fixing:

- Minify JavaScript
→ [Show how to fix](#)

✓ 6 Passed Rules
→ [Show details](#)

Download optimized [image](#), [JavaScript](#), and [CSS resources](#) for this page.



Diversas dessas práticas, senão todas, nós realizamos. Por exemplo, elimine CSS e *javascript* que bloqueia a renderização.

Não é o foco do site, mas segundo essa ferramenta a experiência do usuário é notas 100:

← → ↻ <https://developers.google.com/speed/pagespeed/insights/?url=http%3A%2F%2Foriginal-dot-curso-alura-site.appspot.com%2F...> ☆

Download optimized [image](#), [JavaScript](#), and [CSS resources](#) for this page.

100 / 100 User Experience

✓ **Congratulations! No issues found.**

Avoid app install interstitials that hide content
Your page does not appear to have any app install interstitials that hide a significant amount of content. Learn more about the importance of [avoiding the use of app install interstitials](#).


Avoid plugins
Your page does not appear to use plugins, which would prevent content from being usable on many platforms. Learn more about the importance of [avoiding plugins](#).

Configure the viewport
Your page specifies a viewport matching the device's size, which allows it to render properly on all devices. Learn more about [configuring viewports](#).

Size content to viewport
The contents of your page fit within the viewport. Learn more about [sizing content to the viewport](#).


Size tap targets appropriately
All of your page's links/buttons are large enough for a user to easily tap on a touchscreen. Learn more about [sizing tap targets appropriately](#).

Use legible font sizes
The text on your page is legible. Learn more about [using legible font sizes](#).



Vejamos agora a segunda versão que desenvolvemos ao longo do primeiro e segundo módulo:


← → ↻ <https://developers.google.com/speed/pagespeed/insights/?url=https%3A%2F%2Fcurso-performance-2.appspot.com%2F> ☆

 Google Developers

Products > PageSpeed Insights

PageSpeed Insights


<https://curso-performance-2.appspot.com/> [ANALYZE](#)

✓ **Mobile**  **Desktop**

98 / 100 Speed

⚠ **Consider Fixing:**
Leverage browser caching
→ [Show how to fix](#)

✓ **9 Passed Rules**
→ [Show details](#)



Nossa nota está quase em 100! Devido as diversas otimizações que fizemos e se há alguma regra que devemos aprender nesse segundo módulo é: **Otimizar Critical Render Path**. Esse é o aspecto que dá maior impacto na performance.

Essa é uma das maneiras para analisar nosso trabalho ao longo das aulas e ver que realmente teve impacto. É recomendável que se adicione essa ferramenta dentre as demais opções que testarão a performance do site. O importante também é testar a experiência do usuário, testar usando o *web page test*, ver o tempo que leva para renderizar e todas as demais práticas que discutimos.

