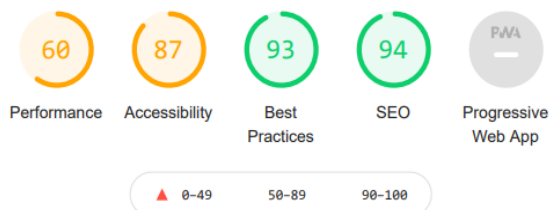


## Lighthouse report before:

Page 1



Performance

### Metrics

First Contentful Paint

2.5 s

Speed Index

4.4 s

▲ Largest Contentful Paint

9.0 s

Time to Interactive

3.0 s

Total Blocking Time

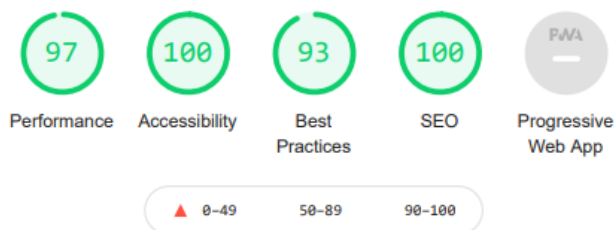
200 ms

Cumulative Layout Shift

0.222

## Lighthouse report after:

Page 1



Performance

### Metrics

First Contentful Paint

2.1 s

Speed Index

2.1 s

Largest Contentful Paint

2.1 s

Time to Interactive

2.2 s

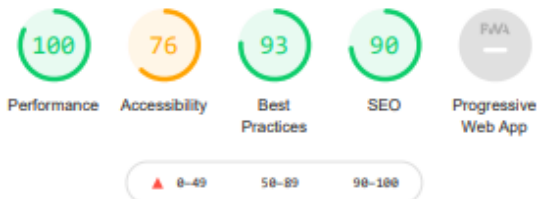
Total Blocking Time

50 ms

Cumulative Layout Shift

0

Page 2



Performance

### Metrics

First Contentful Paint

0.4 s

Speed Index

1.1 s

Largest Contentful Paint

0.5 s

Time to Interactive

0.4 s

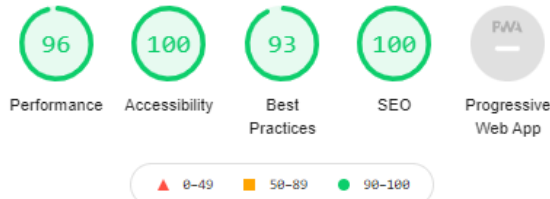
Total Blocking Time

10 ms

Cumulative Layout Shift

0.014

Page2



Performance

### Metrics

● First Contentful Paint

0.9 s

■ Speed Index

1.6 s

● Largest Contentful Paint

1.0 s

● Time to Interactive

0.9 s

● Total Blocking Time

0 ms

● Cumulative Layout Shift

0

## Recommendations:

1. Image elements do not have explicit width and height, assigning a width and height attribute to images in HTML will avoid making the browser move the text to make space for the pictures, it will reserve the space from the attributes directly.
2. Low-contrast text is difficult or impossible for many users to read. Always make sure background and foreground colors have a sufficient contrast ratio.
3. Serve images in next-gen formats. Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.
4. Make sure that heading elements are in a sequentially-descending order, to help screen readers navigate the website.
5. always add a lang attribute with a correct value to help screen readers use the correct pronunciation.
6. pictures of text are difficult for screen readers to recognise and render, so they should never be used unless it's necessary.
7. Add a title. The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search.
8. Links do not have a descriptive text or the text is inadequate.
9. alt attributes help both screen readers or users whose browser can't render the pictures for technical reasons.
10. Interactive elements like buttons and links should be large enough, and have enough space around them, to be easy enough to tap without overlapping onto other elements.
11. Meta descriptions may be included in search results to concisely summarise page content.
12. Black hat SEO techniques are ineffective on modern search engines and they pose a banning risk