



**L** OVELY  
**P** ROFESSIONAL  
**U** NIVERSITY

## CA-1

### CAP-785

#### WEB PERFORMANCE OPTIMIZATION

Submitted by -

NAME: Naseem Akhtar

REG NO: 12401725

SECTION: D2422

ROLL NO: 30

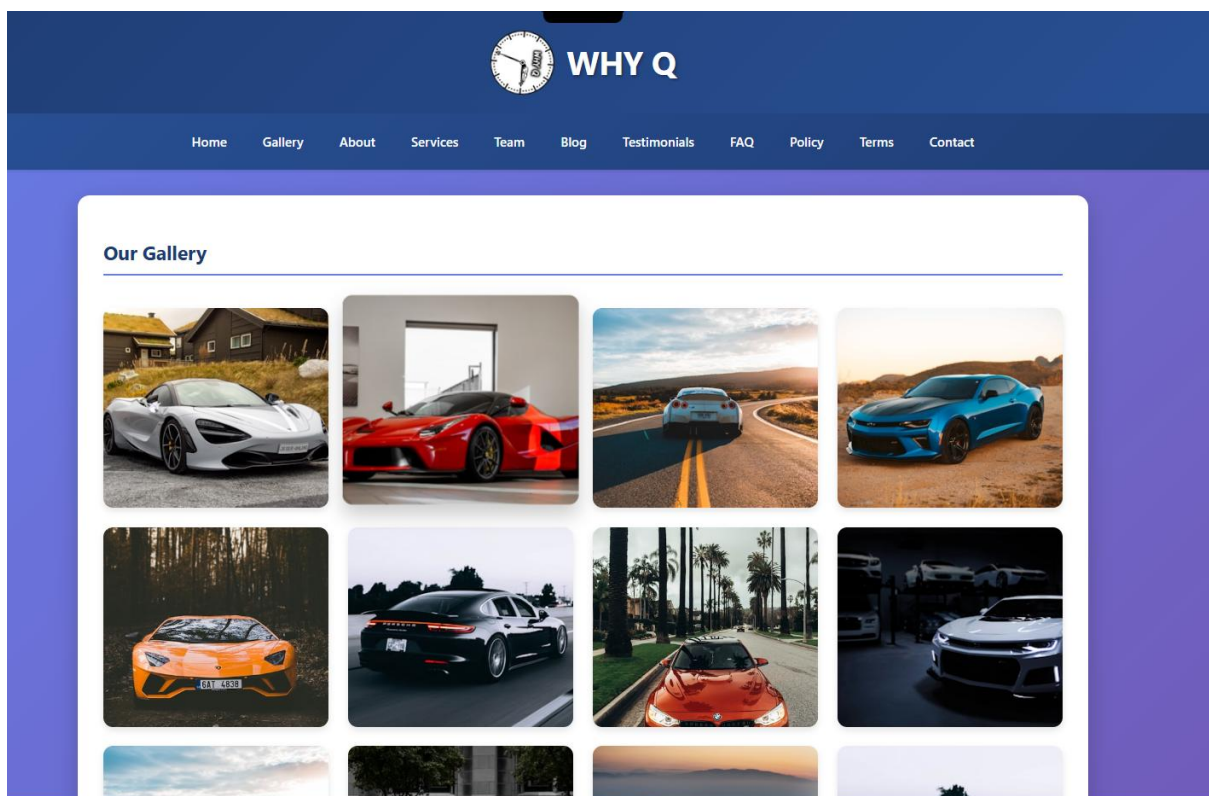
GROUP: 1

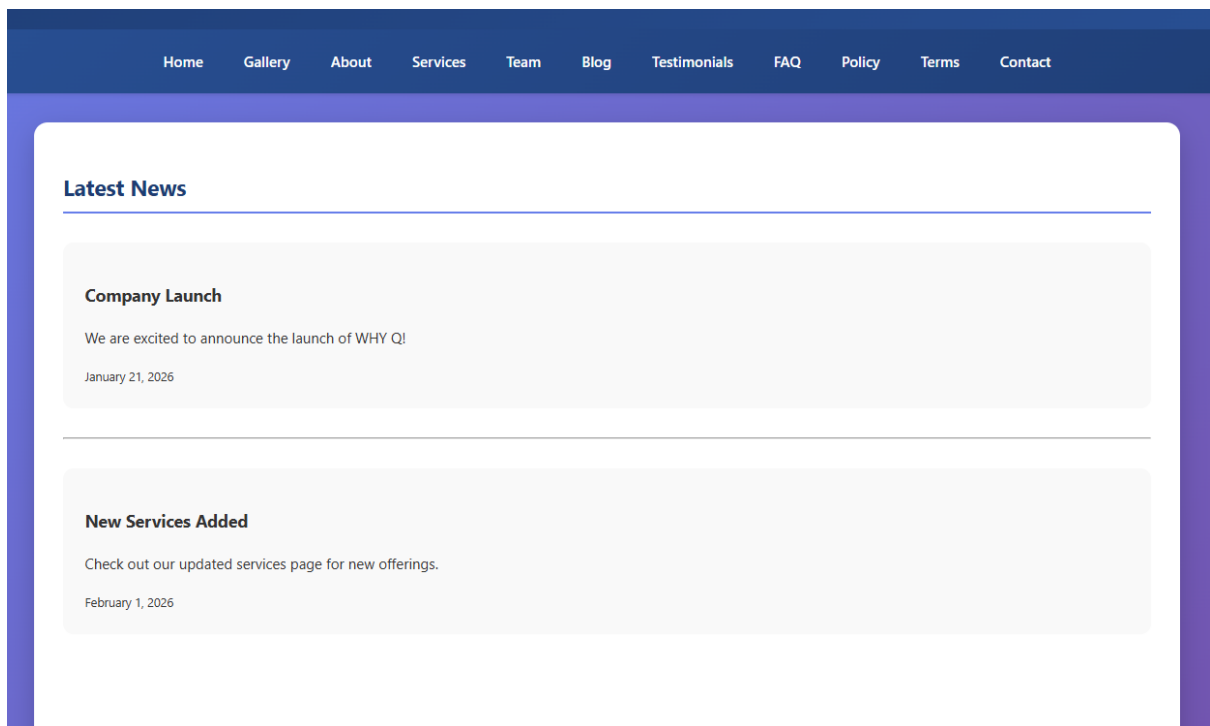
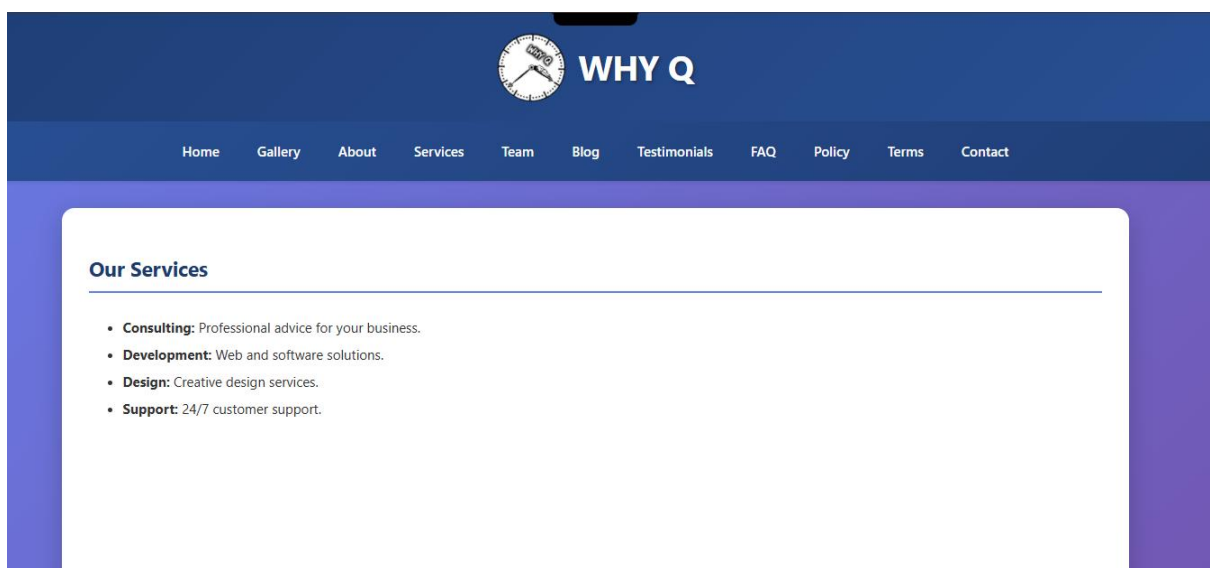
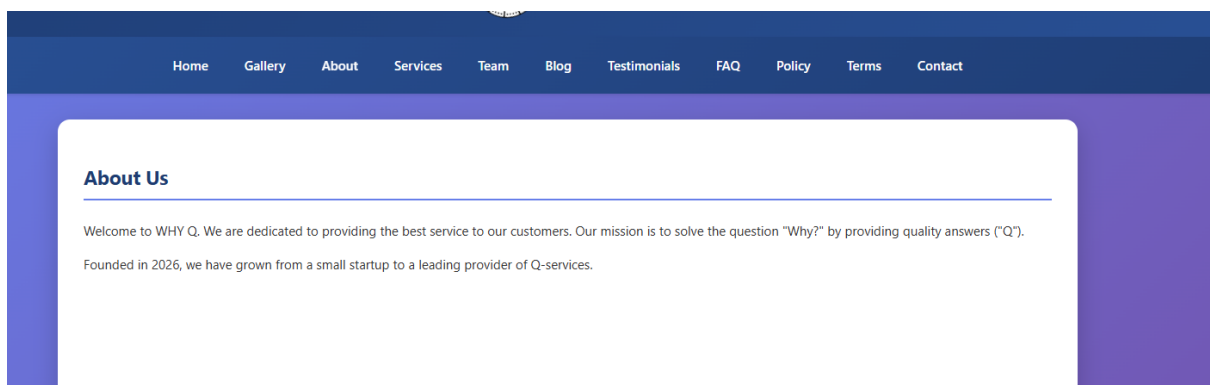
Submitted To –

Faculty: Dr. Kamal Nain Sharma

Some snapshot of the web pages

LINK - <https://naseem7888.github.io/web-performance/>







# WHY Q

[Home](#) [Gallery](#) [About](#) [Services](#) [Team](#) [Blog](#) [Testimonials](#) [FAQ](#) [Policy](#) [Terms](#) [Contact](#)

## What Our Clients Say

"WHY Q provided excellent service and answered all our questions."

- Happy Client A

"The gallery is amazing, and the team is very professional."

- Satisfied Customer B



# WHY Q

[Home](#) [Gallery](#) [About](#) [Services](#) [Team](#) [Blog](#) [Testimonials](#) [FAQ](#) [Policy](#) [Terms](#) [Contact](#)

## Contact Us

Values your feedback. Reach out to us!

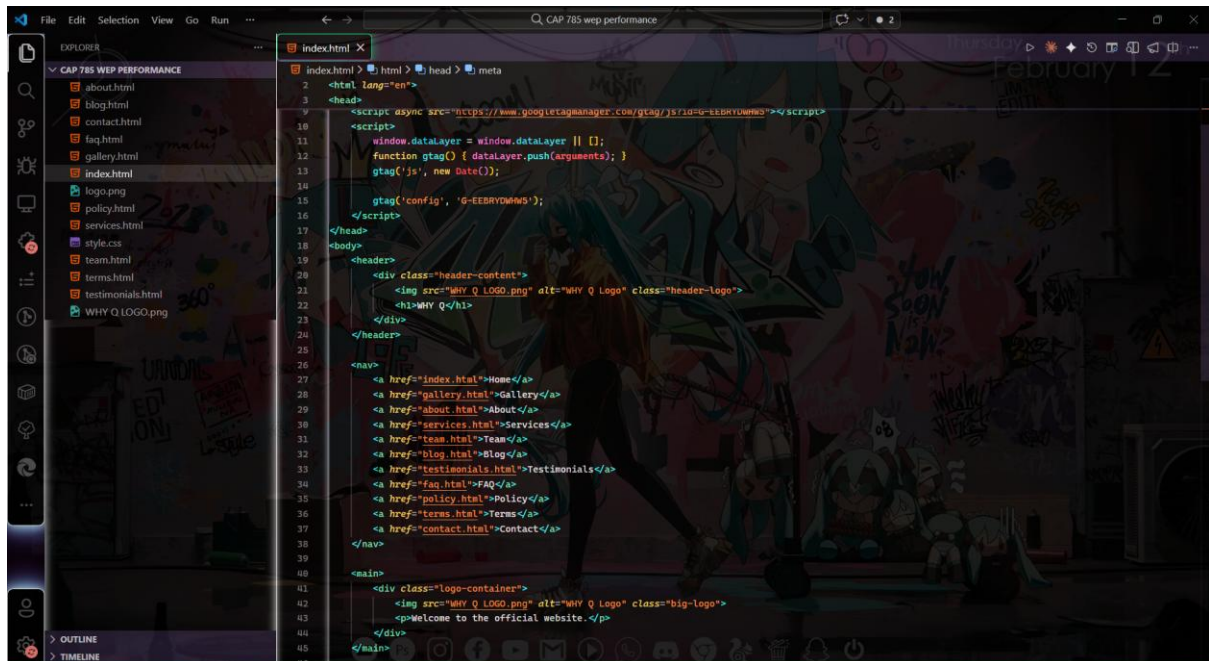
Name:

Email:

Message:

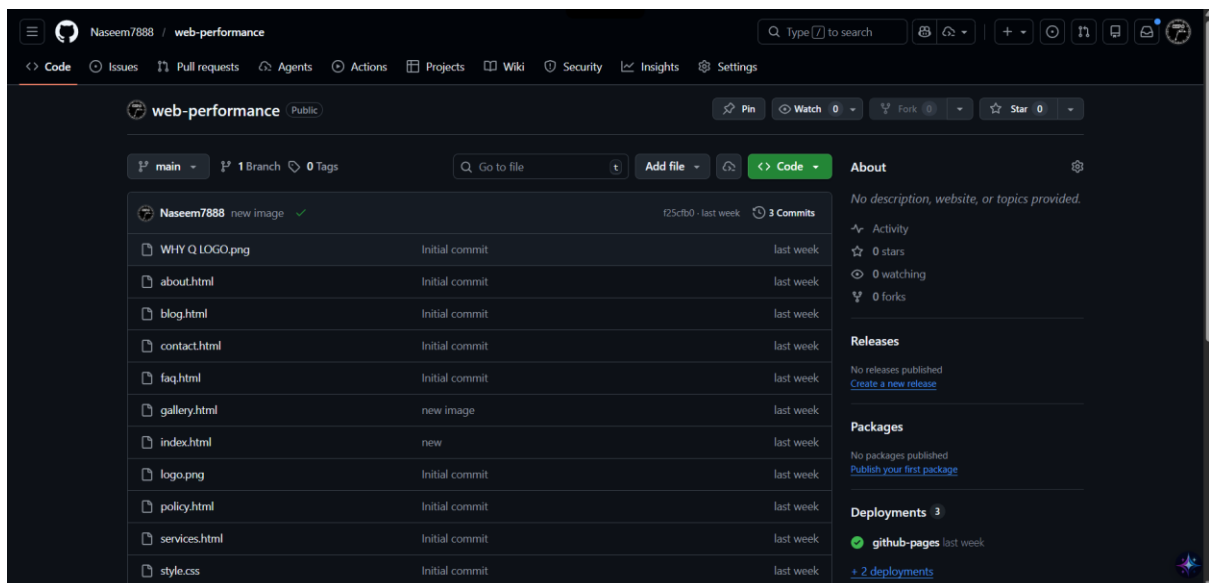
Send

## CODE (HTML) SNAPSHOT AND GITHUB REPO



The screenshot shows a code editor with a file explorer on the left and a code editor on the right. The file explorer lists files for 'CAP 785 WEP PERFORMANCE', including about.html, blog.html, contact.html, faq.html, gallery.html, index.html, logo.png, policy.html, services.html, style.css, team.html, terms.html, testimonials.html, and WHY Q LOGO.png. The code editor displays the content of index.html, which includes a meta tag, Google Analytics script, a dataLayer, a gtag function, a header section with a logo, a navigation menu, and a main content area with a logo container and a welcome message.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <script async src="https://www.googletagmanager.com/gtag/js?id=G-EE8RY0WMS"></script>
5   <script>
6     window.dataLayer = window.dataLayer || [];
7     function gtag() { dataLayer.push(arguments); }
8     gtag('js', new Date());
9
10    gtag('config', 'G-EE8RY0WMS');
11  </script>
12 </head>
13 <body>
14   <header>
15     <div class="header-content">
16       
17     </div>
18   </header>
19   <nav>
20     <a href="index.html">Home</a>
21     <a href="gallery.html">Gallery</a>
22     <a href="about.html">About</a>
23     <a href="services.html">Services</a>
24     <a href="team.html">Team</a>
25     <a href="blog.html">Blog</a>
26     <a href="testimonials.html">Testimonials</a>
27     <a href="faq.html">FAQ</a>
28     <a href="policy.html">Policy</a>
29     <a href="terms.html">Terms</a>
30     <a href="contact.html">Contact</a>
31   </nav>
32   <main>
33     <div class="logo-container">
34       
35       <p>Welcome to the official website.</p>
36     </div>
37   </main>
38 </body>
39 </html>
```

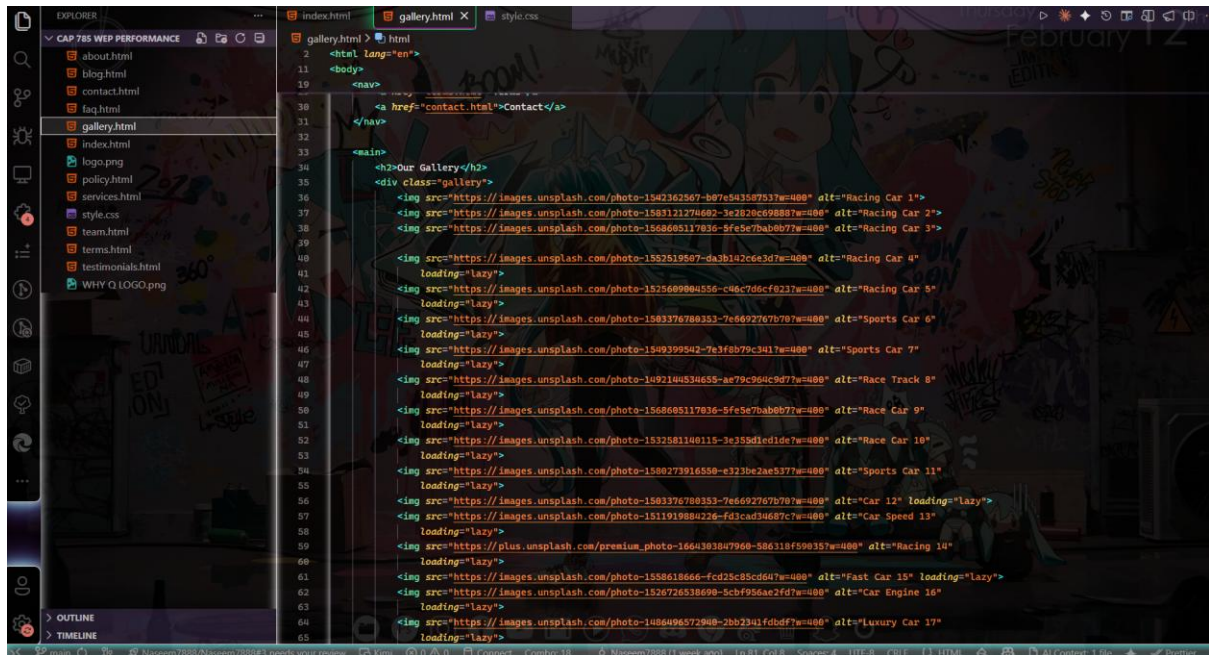


The screenshot shows the GitHub repository page for 'web-performance' by user 'Naseem7888'. The repository is public and has 0 stars, 0 forks, and 0 releases. The file list shows the following files and their commit history:

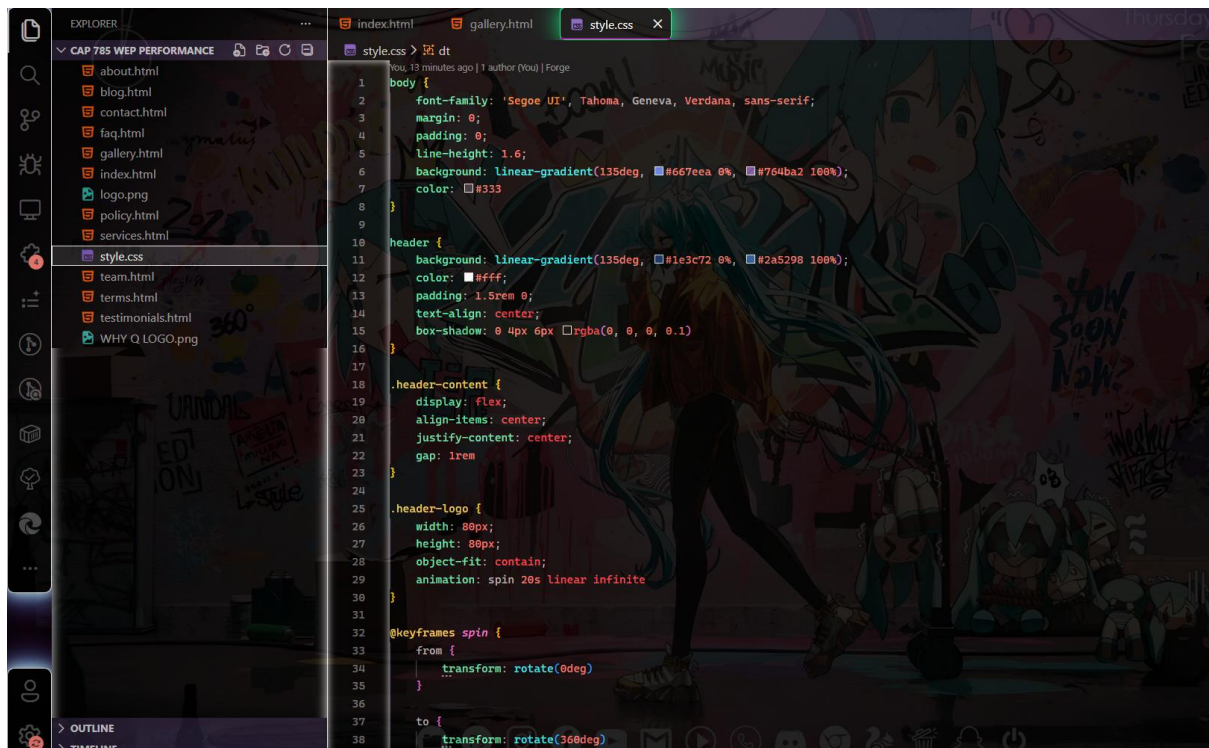
File	Commit	Time
WHY Q LOGO.png	Initial commit	last week
about.html	Initial commit	last week
blog.html	Initial commit	last week
contact.html	Initial commit	last week
faq.html	Initial commit	last week
gallery.html	new image	last week
index.html	new	last week
logo.png	Initial commit	last week
policy.html	Initial commit	last week
services.html	Initial commit	last week
style.css	Initial commit	last week

The right sidebar shows the repository's activity, including 0 stars, 0 watching, 0 forks, and 0 releases. It also includes sections for Releases, Packages, and Deployments.

## Lazy landing implementation



## Minification of css



## PageSpeed Insights DEKSTOP

Report from Feb 12, 2026, 11:51:23 AM

<https://naseem7888.github.io/web-performance/gallery.html>

Analyze



Mobile



Desktop



Discover what your real users are experiencing

No Data



Diagnose performance issues

100

Performance

100

Accessibility

100

Best Practices

91

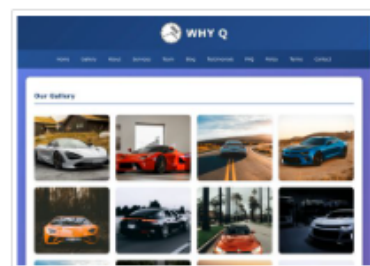
SEO

100

Performance

Values are estimated and may vary. The [performance score](#) is calculated directly from these metrics. [See calculator.](#)

▲ 0-49    ■ 50-89    ● 90-100



### METRICS

Collapse view

#### ● First Contentful Paint

0.2 s

First Contentful Paint marks the time at which the first text or image is painted. [Learn more about the First Contentful Paint metric.](#)

#### ● Total Blocking Time

0 ms

Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds. [Learn more about the Total Blocking Time metric.](#)

#### ● Speed Index

0.4 s

Speed Index shows how quickly the contents of a page are visibly populated. [Learn more about the Speed Index metric.](#)

#### ● Largest Contentful Paint

0.7 s

Largest Contentful Paint marks the time at which the largest text or image is painted. [Learn more about the Largest Contentful Paint metric.](#)

#### ● Cumulative Layout Shift

0

Cumulative Layout Shift measures the movement of visible elements within the viewport. [Learn more about the Cumulative Layout Shift metric.](#)

📅 Captured at Feb 12, 2026, 11:51 AM GMT+5:30

🕒 Initial page load

💻 Emulated Desktop with Lighthouse 13.0.1

⚙️ Custom throttling

🔗 Single page session

🖥️ Using HeadlessChromium 143.0.7499.192 with Ir

🗺️ [View Treemap](#)

## PageSpeed Insights MOBILE

Report from Feb 12, 2026, 11:51:23 AM

<https://naseem7888.github.io/web-performance/gallery.html>

Analyze

Mobile

Desktop

Discover what your real users are experiencing

No Data

Diagnose performance issues



Performance



Accessibility



Best Practices



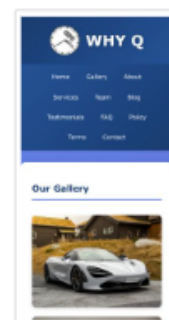
SEO



Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. [See calculator.](#)

▲ 0-49   ■ 50-89   ● 90-100



### METRICS

Expand view

● First Contentful Paint  
0.8 s

● Total Blocking Time  
0 ms

■ Speed Index  
3.8 s

▲ Largest Contentful Paint  
12.4 s

● Cumulative Layout Shift  
0

User agent (network): "Mozilla/5.0 (Linux; Android 11; moto g power (2022)) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/143.0.0.0 Mobile Safari/537.36"

📅 Captured at Feb 12, 2026, 11:51 AM GMT+5:30  
⌚ Initial page load

🖥️ Emulated Moto G Power with Lighthouse 13.0.1  
🔌 Slow 4G throttling

🔗 Using HeadlessChromium 143.0.7499.192 with Ir

🗺️ [View Treemap](#)