

FUNCTIONAL REQUIREMENT(FR)

NON FUNCTIONAL REQUIREMENT(NFR)

Web 3.0 focus on NFR

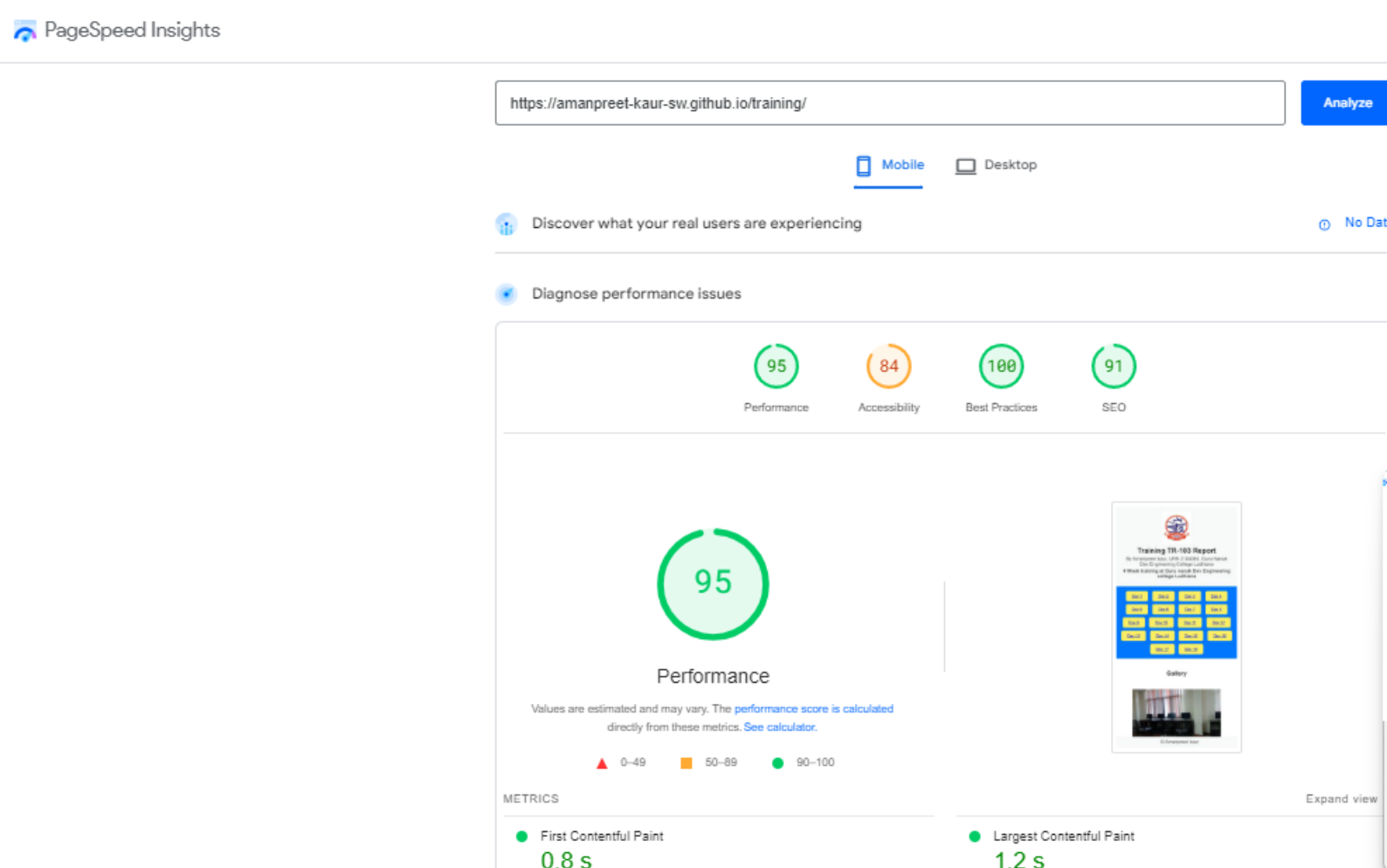
- Performance
- Security
- Reliability

HOW TO ENHANCE THE PERFORMANCE OF THE SYSTEM

By using different tools we can measure the performance of our website.

- Google page speed
- Lighthouse
- Gtmatrix

Google page speed



https://amanpreet-kaur-sw.github.io/training/

Analyze

Mobile

Desktop

Discover what your real users are experiencing

No Data

Diagnose performance issues

98

Performance

84

Accessibility

100

Best Practices

91

SEO

98

Performance

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

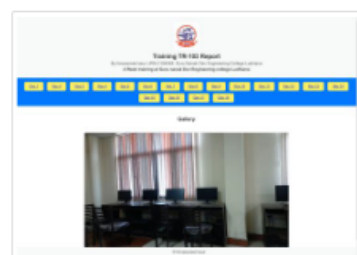
0-49 50-89 90-100

METRICS

First Contentful Paint
0.2 s

Largest Contentful Paint
0.3 s

Expand view



Lighthouse

Save Test Results with a Free Account Sign Up & Save Test Result

URL: https://amanpreet-kaur-sw.github.io/training/ DATE: 30/06/2024, 15:27:21

Webpage Performance Test Result

SETTINGS: MOTOPOWER 3GFast Mumbai, India More Share

View: Lighthouse Report

Tools: Export

Lighthouse Report

Lighthouse is an open-source, automated tool for improving the quality of web pages. You can run it against any web page, public or requiring authentication. Overall scoring color key: (0-49 50-89 90-100).

For scripted tests, Lighthouse report will only be available on the final step.

Performance 93

Accessibility 91

Best Practices 96

SEO 92

PWA 38



Did you know? Lighthouse runs in Chrome and provides a great complementary analysis alongside the many browsers, devices, and locations WebPageTest offers. To see how this site performs in more environments: [Start A New Test](#)

Uncover full report details with a FREE GTmatrix account
Get full report details and more testing capacity with a FREE GTmatrix account.

Log in

Create a FREE account

Re-Test

Compare

Page Settings

Monitor

Set Up Alerts

Tags

Share



Latest Performance Report for:

<https://amanpreet-kaur-sw.github.io/training/>

Report generated: Sun, Jun 30, 2024 2:11 AM -0700

Test Server Location: Vancouver, Canada

Using: Chrome 117.0.0.0, Lighthouse 11.0.0

GTmatrix Grade ?

A

Performance ?

100%

Structure ?

96%

Web Vitals ?

Largest Contentful Paint ?

504ms

Total Blocking Time ?

0ms

Cumulative Layout Shift ?

0.06

Summary

Performance

Structure

Waterfall

Video

History