http://127.0.0.1:5000/

⋮

64	**85**	**92**	**90**	PWA —
Performance	Accessibility	Best Practices	SEO	PWA

64

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

0.3 s

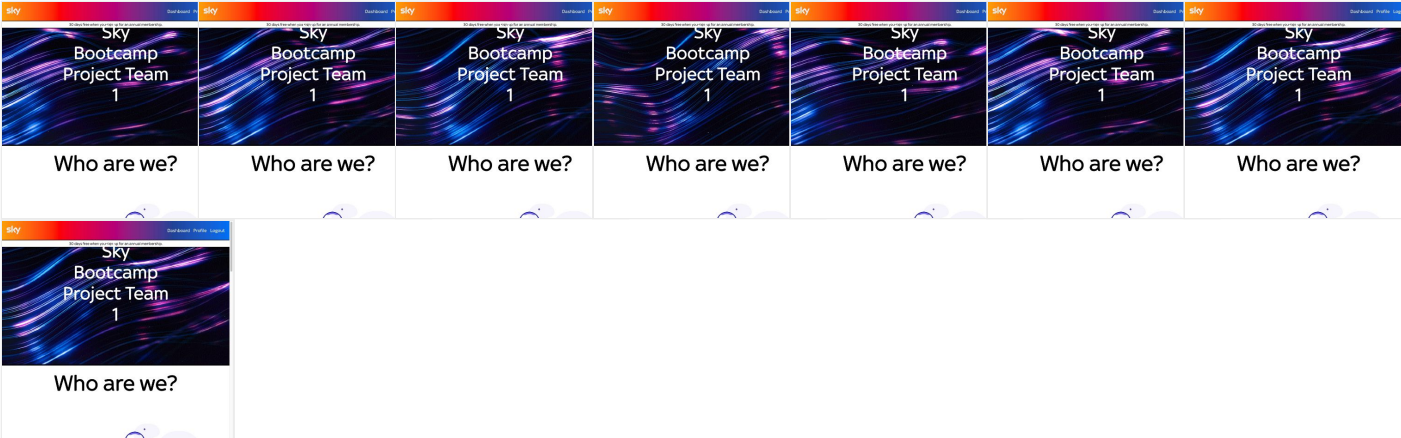▲ Largest Contentful Paint

4.5 s

Total Blocking Time

0 ms

▲ Cumulative Layout Shift

0.271

Speed Index

0.3 s

View Treemap   View Original Trace

Show audits relevant to: All   FCP   LCP   TBT   CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Use video formats for animated content	3.64s ⌄
Properly size images	0.80s ⌄
Serve images in next-gen formats	0.64s ⌄
Efficiently encode images	0.20s ⌄
Eliminate render-blocking resources	0.16s ⌄

These suggestions can help your page load faster. They don't directly affect the Performance score.

DIAGNOSTICS

▲ Ensure text remains visible during webfont load	⌄
▲ Image elements do not have explicit `width` and `height`	⌄
▲ Avoid enormous network payloads — Total size was 6,159 KiB	⌄
○ Avoid chaining critical requests — 2 chains found	⌄
○ Keep request counts low and transfer sizes small — 15 requests • 6,143 KiB	⌄
○ Largest Contentful Paint element — 4,540 ms	⌄
○ Avoid large layout shifts — 5 elements found	⌄

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (28)   Show

85

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

INTERNATIONALIZATION AND LOCALIZATION

▲   `<html>` element does not have a `[lang]` attribute   ⌄

These are opportunities to improve the interpretation of your content by users in different locales.

NAMES AND LABELS

▲   Links do not have a discernible name   ⌄

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

TABLES AND LISTS

▲   Lists do not contain only `<li>` elements and script supporting elements (`<script>` and `<template>`).   ⌄

These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (8)   Show

NOT APPLICABLE (37)   Show

92

Best Practices

USER EXPERIENCE

▲   Displays images with incorrect aspect ratio   ⌄

TRUST AND SAFETY

○   Ensure CSP is effective against XSS attacks   ⌄

PASSED AUDITS (12)	Show

NOT APPLICABLE (2)	Show

90

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more about Google Search Essentials.

CONTENT BEST PRACTICES

⚠️ Document does not have a meta description Description text is empty.   ˅

Format your HTML in a way that enables crawlers to better understand your app's content.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)	Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (9)	Show

NOT APPLICABLE (4)	Show

PWA

PWA

These checks validate the aspects of a Progressive Web App. Learn what makes a good Progressive Web App.

INSTALLABLE

⚠️ Web app manifest or service worker do not meet the installability requirements — 1 reason   ˅

PWA OPTIMIZED

▲ Does not register a service worker that controls page and `start_url` ⌄

▲ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

▲ Does not set a theme color for the address bar.
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

◯ Content is sized correctly for the viewport ⌄

Has a `<meta name="viewport">` tag with `width` or `initial-scale` ⌄

▲ Manifest doesn't have a maskable icon No manifest was fetched ⌄

ADDITIONAL ITEMS TO MANUALLY CHECK (3)   Show

These checks are required by the baseline [PWA Checklist](#) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

Captured at Sep 1, 2023, 10:05 AM GMT+1
Initial page load

Emulated Desktop with Lighthouse 10.3.0
Custom throttling

Single page load

Using Chromium 116.0.0.0 with devtools

Generated by **Lighthouse** 10.3.0 | [File an issue](#)