https://jhp-ms4.herokuapp.com/shop/

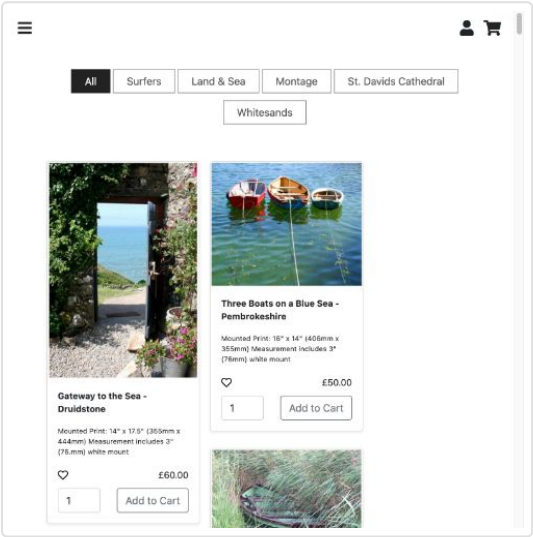| 72	76	83	70	PWA
Performance	Accessibility	Best Practices	SEO	PWA

72

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	● Time to Interactive
1.1 s	**1.1 s**
▲ Speed Index	● Total Blocking Time
2.5 s	**0 ms**
■ Largest Contentful Paint	▲ Cumulative Layout Shift
1.9 s	**0.471**

View Treemap

Show audits relevant to: **All**   FCP   TBT   LCP   CLS

OPPORTUNITIES

Opportunity	Estimated Savings
▲ Properly size images	**5.63 s** ⌄
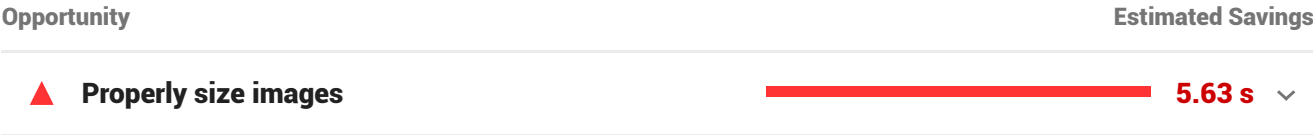
▲ **Serve images in next-gen formats**   **3.05 s** ⌄

▲ **Efficiently encode images**   ━━━━━ **1.27 s** ⌄

▲ **Use HTTP/2**   ━━━━━ **1.22 s** ⌄

🟧 **Eliminate render-blocking resources**   ━━ **0.61 s** ⌄

🟧 **Enable text compression**   ━ **0.26 s** ⌄

🟧 **Reduce unused JavaScript**   ▪ **0.14 s** ⌄

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

DIAGNOSTICS

▲ **Avoid enormous network payloads — Total size was 11,166 KiB**   ⌄

▲ **Image elements do not have explicit `width` and `height`**   ⌄

▲ **Serve static assets with an efficient cache policy — 10 resources found**   ⌄

🟧 **Avoid an excessive DOM size — 1,389 elements**   ⌄

◯ **Avoid chaining critical requests — 17 chains found**   ⌄

◯ **Keep request counts low and transfer sizes small — 91 requests • 11,166 KiB**   ⌄

◯ **Largest Contentful Paint element — 1 element found**   ⌄

◯ **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 (25)   Show

76
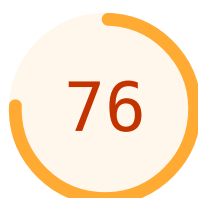
Accessibility

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.

ARIA

⚠ `[aria-*]` **attributes do not have valid values**   ⌄

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

NAMES AND LABELS

⚠ **Image elements do not have** `[alt]` **attributes**   ⌄

⚠ **Form elements do not have associated 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.

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 (16)   Show

NOT APPLICABLE (24)   Show

83

Best Practices

TRUST AND SAFETY

▲ **Includes front-end JavaScript libraries with known security vulnerabilities** — **4 vulnerabilities detected** ⌄

○ **Ensure CSP is effective against XSS attacks** ⌄

GENERAL

▲ **Browser errors were logged to the console** ⌄

○ **Detected JavaScript libraries** ⌄

PASSED AUDITS (11) Show

NOT APPLICABLE (1) Show

70

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**.

CONTENT BEST PRACTICES

⚠ **Document does not have a meta description**   ⌄

⚠ **Image elements do not have** `[alt]` **attributes**   ⌄

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

CRAWLING AND INDEXING

⚠ **Links are not crawlable**   ⌄

To appear in search results, crawlers need access to your app.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

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

PASSED AUDITS (7)   Show

NOT APPLICABLE (4)   Show

PWA

These checks validate the aspects of a Progressive Web App. Learn more.

⊕ 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`   ⌄

🔺 **Does not provide a valid** `apple-touch-icon`   ⌄

🔺 **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 Apr 11, 2022, 8:49   🖥 Emulated Desktop with   ⚙ Single page load
   PM GMT+1   Lighthouse 9.4.0
⏱ Initial page load   🌐 Custom throttling   🌀 Using Chromium 100.0.4896.75
                                                                            with devtools

Generated by Lighthouse 9.4.0 | File an issue