Day5

Testing_Error_Handling_and_Backend_Integration_Refinement

99 Performance	91 Accessibility
100 Best Practices	82 SEO

99 Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49   ■ 50–89   ● 90–100

● First Contentful Paint
0.3 s

● Largest Contentful Paint
0.8 s

● Total Blocking Time
0 ms

● Cumulative Layout Shift
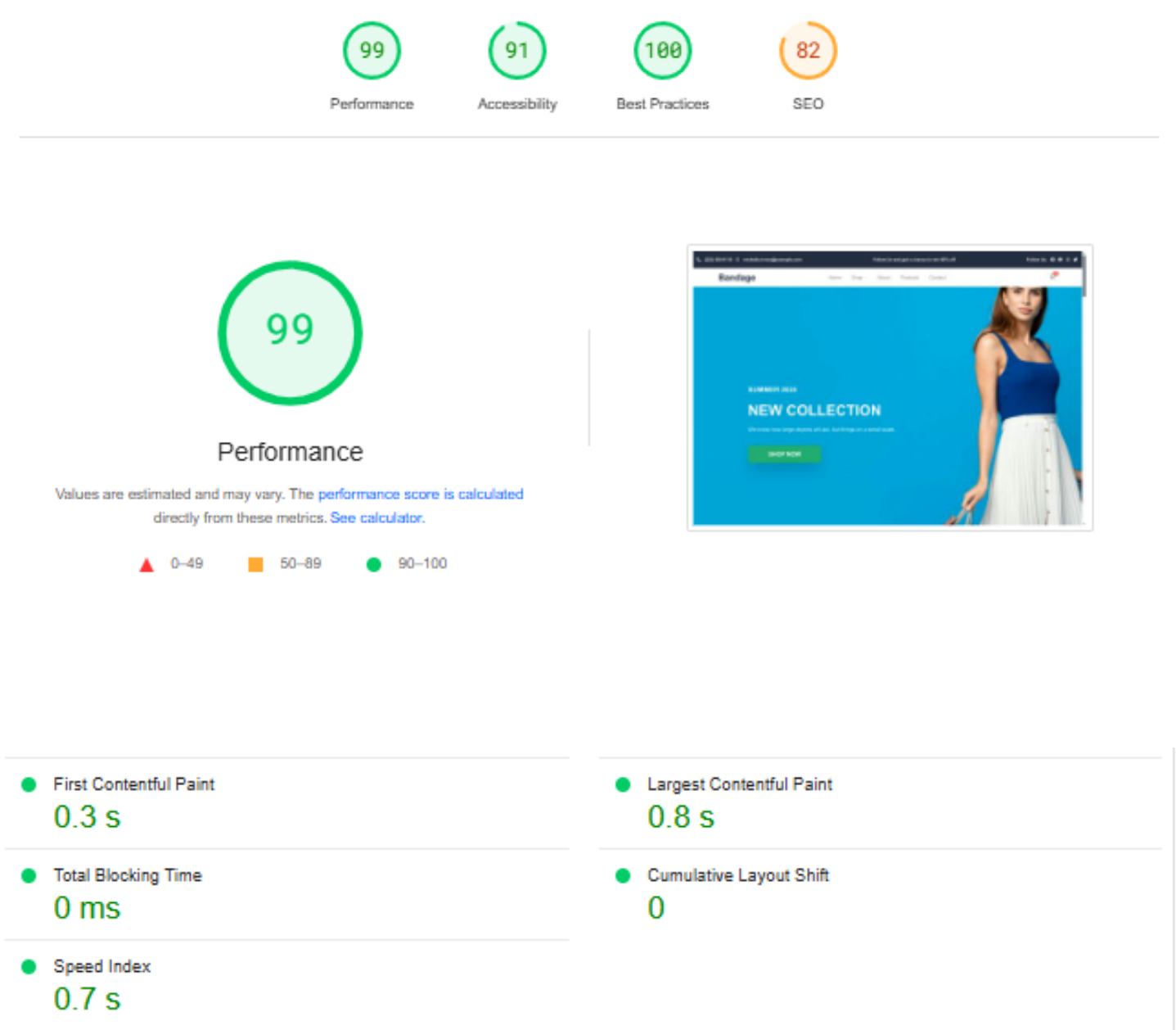**0**

● Speed Index
0.7 s

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption

vercel.app		376.2 KiB	345.3 KiB
1st party			
SUMMER 2024 NEW COLLECTION We know how large objects will act, but things on... <div class="hero min-h-[10vh] md:min-h-screen custom-img flex items-center justify-cen...">		376.2 KiB	345.3 KiB

Preload Largest Contentful Paint image:

If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP.

vercel.app		0 ms
1st party		
SUMMER 2024 NEW COLLECTION We know how large objects will act, but things on... <div class="hero min-h-[10vh] md:min-h-screen custom-img flex items-center justify-cen...">	...media/women.34c0343e.png (giaic-e-commerce-hackhathon.vercel.app)	0 ms

Properly size images Potential savings of 15 KiB

Serve images that are appropriately-sized to save cellular data and improve load time.

vercel.app

1st party

40.2 KiB

14.7 KiB

banner

`<img alt="banner" loading="lazy" width="510" height="685" decoding="async" data-nimg="1" class="object-contain rounded-3xl ml-10" style="color:transparent" srcset="/_next/image?url=%2F_next%2Fstatic%2Fmedia%2Fhero3.819c0503.png&w=640&q=75..." src="https://giaic-e-commerce-hackhathon.vercel.app/_next/image?url=%2F_next%2F...">`

[/_next/image?url=...](#)

(giaic-e-commerce-hackhathon.vercel.app)

40.2 KiB

14.7 KiB

Reduce unused JavaScript Potential savings of 21 KiB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

LCPFCP

URL	Transfer Size	Potential Savings
vercel.app 1st party	32.0 KiB	20.8 KiB
[...chunks/603-6c921da6249552cd.js](#) (giaic-e-commerce-hackhathon.vercel.app)	32.0 KiB	20.8 KiB

Initial server response time was short Root document took 420 ms

Keep the server response time for the main document short because all other requests depend on it. LCPFCP

URL	Time Spent
vercel.app 1st party	420 ms
https://giaic-e-commerce-hackhathon.vercel.app	420 ms

Avoids enormous network payloads Total size was 913 KiB

Large network payloads cost users real money and are highly correlated with long load times.

URL	Transfer Size
vercel.app 1st party	724.3 KiB
...media/women.34c0343e.png (giaic-e-commerce-hackhathon.vercel.app)	376.8 KiB
...media/463dafcda517f24f-s.p.woff (giaic-e-commerce-hackhathon.vercel.app)	66.9 KiB
...media/4473ecc91f70f139-s.p.woff (giaic-e-commerce-hackhathon.vercel.app)	65.3 KiB
...chunks/fd9d1056-7e8d848d091ae08f.js (giaic-e-commerce-hackhathon.vercel.app)	54.4 KiB
/_next/image?url=... (giaic-e-commerce-hackhathon.vercel.app)	40.8 KiB
...chunks/603-6c921da6249552cd.js (giaic-e-commerce-hackhathon.vercel.app)	32.8 KiB
...chunks/117-c3bd960a2b232203.js (giaic-e-commerce-hackhathon.vercel.app)	32.6 KiB
...chunks/41ade5dc-53979d14b2d81491.js (giaic-e-commerce-hackhathon.vercel.app)	20.6 KiB
/_next/image?url=... (giaic-e-commerce-hackhathon.vercel.app)	17.5 KiB
...chunks/350-33cba39819fadbd3.js (giaic-e-commerce-hackhathon.vercel.app)	16.6 KiB

Avoids an excessive DOM size 399 elements

A large DOM will increase memory usage, cause longer, and produce costly

TBT

Statistic	Element	Value
Total DOM Elements		399
Maximum DOM Depth	li > button#radix-:Raafcq:-trigger-radix-:R9qafcq: > svg.lucide > path <path d="m6 9 6 6 6-6">	13
Maximum Child Elements	body.__variable_1e4310 <body class="__variable_1e4310 __variable_c3aa02 antialiased bg-FAFAFA">	11

Avoid chaining critical requests 1 chain found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: **612.835 ms**

Initial Navigation

https://giaic-e-commerce-hackhathon.vercel.app

...css/5f9ddc13c3d32cc5.css

(giaic-e-commerce-hackhathon.vercel.app)

 - 153.746 ms, 13.57 KiB

JavaScript execution time 0.1 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

TBT

URL	Total CPU Time	Script Evaluation	Script Parse
vercel.app 1st party	232 ms	136 ms	3 ms
...chunks/117-c3bd960a2b232203.js (giaic-e-commerce-hackhathon.vercel.app)	136 ms	132 ms	1 ms
https://giaic-e-commerce-hackhathon.vercel.app	96 ms	5 ms	1 ms
Unattributable	51 ms	3 ms	0 ms
Unattributable	51 ms	3 ms	0 ms

Minimizes main-thread work 0.4 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

TBT

Category	Time Spent
Script Evaluation	218 ms
Other	69 ms
Style & Layout	49 ms
Rendering	24 ms
Script Parsing & Compilation	12 ms
Parse HTML & CSS	8 ms

Minimize third-party usage Third-party code blocked the main thread for 0 ms

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

TBT

Third-Party	Transfer Size	Main-Thread Blocking Time
sanity.io	3 KiB	0 ms
...query/production?query=... (zsy3esta.apicdn.sanity.io)	3 KiB	0 ms

Largest Contentful Paint element 820 ms

This is the largest contentful element painted within the viewport.

LCP

Element
SUMMER 2024 NEW COLLECTION We know how large objects will act, but things on... <div class="hero min-h-[10vh] md:min-h-screen custom-img flex items-center justify-cen...">

Phase	% of LCP	Timing
TTFB	20%	160 ms
Load Delay	45%	370 ms
Load Time	30%	250 ms
Render Delay	5%	40 ms

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

Passed audits

Eliminate render-blocking resources

Defer offscreen images

Minify CSS

Minify JavaScript

Reduce unused CSS

Efficiently encode images

Enable text compression

Preconnect to required origins

Avoid multiple page redirects

Use video formats for animated content

Remove duplicate modules in JavaScript bundles

Avoid serving legacy JavaScript to modern browsers

Uses efficient cache policy on static assets 0 resources found

User Timing marks and measures

All text remains visible during webfont loads

Lazy load third-party resources with facades

Largest Contentful Paint image was not lazily loaded

Avoid large layout shifts

Uses passive listeners to improve scrolling performance
Avoids document.write()

Avoid long main-thread tasks

Avoid non-composited animations

Image elements have explicit width and height

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

91

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.

Background and foreground colors do not have a sufficient contrast ratio.

Low-contrast text is difficult or impossible for many users to read.

Failing Elements
Home `<a class="group inline-flex h-10 w-max items-center justify-center rounded-md bg-bac..." data-radix-collection-item="">`
Bandage Home Shop About Products Contact 0 `<div class="navbar bg-[#FFFFFF] max-w-[90%] mx-auto">`
Shop `<button id="radix-:Raafcq:-trigger-radix-:R9qafcq:" data-state="closed" aria-expanded="false" aria-controls="radix-:Raafcq:-content-radix-:R9qafcq:" class="group inline-flex h-10 w-max items-center justify-center rounded-md bg-bac..." data-radix-collection-item="">`
Bandage Home Shop About Products Contact 0 `<div class="navbar bg-[#FFFFFF] max-w-[90%] mx-auto">`
About `<a class="group inline-flex h-10 w-max items-center justify-center rounded-md bg-bac..." href="/about" data-radix-collection-item="">`
Bandage Home Shop About Products Contact 0 `<div class="navbar bg-[#FFFFFF] max-w-[90%] mx-auto">`
Products `<a class="group inline-flex h-10 w-max items-center justify-center rounded-md bg-bac..." href="/shop" data-radix-collection-item="">`
Bandage Home Shop About Products Contact 0 `<div class="navbar bg-[#FFFFFF] max-w-[90%] mx-auto">`
Contact `<a class="group inline-flex h-10 w-max items-center justify-center rounded-md bg-bac..." href="/contact" data-radix-collection-item="">`

Bandage Home Shop About Products Contact 0

`<div class="navbar bg-[#FFFFFF] max-w-[90%] mx-auto">`

SHOP NOW

`<span class="relative z-10 uppercase text-xl font-bold">`

SHOP NOW

`<button class="relative flex h-[60px] w-[250px] items-center justify-center font-semibold...">`

$16.48

`<span class="text-[#BDBDBD] font-bold">`

Featured Products BESTSELLER PRODUCTS Problems trying to resolve the conflict ...

`<div class="py-24 bg-white">`

$16.48

`<span class="text-[#BDBDBD] font-bold">`

Featured Products BESTSELLER PRODUCTS Problems trying to resolve the conflict ...

`<div class="py-24 bg-white">`

$16.48

`<span class="text-[#BDBDBD] font-bold">`

Featured Products BESTSELLER PRODUCTS Problems trying to resolve the conflict ...

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<div class="py-24 bg-white">

$16.48

<span class="text-[#BDBDBD] font-bold">

Featured Products BESTSELLER PRODUCTS Problems trying to resolve the conflict …

<div class="py-24 bg-white">

We know how large objects will ' We know how are objects will act' We know

<p class="mt-10 text-[17px] md:text-[15px] text-slate-300 ">

SUMMER 2024 Vita Classic Product We know how large objects will ' We know how...

<div class=" w-full h-[500px] md:h-[695px] bg-[#23856D]">

ADD TO CART

<span class="relative z--10 uppercase ">

ADD TO CART

<button class="relative flex h-[52px] w-[182px] items-center justify-center font-

SUMMER 2024

<span class=" mb-10 font-bold text-2xl w-[151px] h-[30px] leading-6 text-[#BDBDBD]">

html

<html lang="en">

BUY NOW

<span class="relative z-10 uppercase ">

BUY NOW

<button class="relative flex h-[52px] w-[182px] items-center justify-center font-semibol...">

READ MORE

<span class="relative z-10 uppercase ">

html

<html lang="en">

Practice Advice

<h4 class="mt-24 font-semibold text-center mb-1 text-xl text-[#23A6F0]">

Practice Advice FEATURED POSTS Problems trying to resolve the conflict between...

<div class="md:pb-52 px-4 sm:px-6 lg:px-10 bg-white">

Google

<li class="text-[#8EC2F2]">

Google Trending New Loudest à la Madison #1 (L'integral) We focus on ergonomic...

<div class="bg-white shadow-lg rounded-lg overflow-hidden">

Google

<li class="text-[#8EC2F2]">

Google Trending New Loudest à la Madison #1 (L'integral) We focus on ergonomic... `<div class="bg-white shadow-lg rounded-lg overflow-hidden">`
Google `<li class="text-[#8EC2F2]">`
Google Trending New Loudest à la Madison #1 (L'integral) We focus on ergonomic... `<div class="bg-white shadow-lg rounded-lg overflow-hidden">`
Subscribe `<button class="p-2 w1/3 font-light bg-[#23A6F0] hover:bg-[#276d96] text-white">`
Made With Love By Finland All Right Reserved `<div class="text-[#737373]">`
Made With Love By Finland All Right Reserved `<div class="w-full bg-[#E6E6E6] px-10">`

Names and labels

Links do not have a discernible name

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. Learn how to make links accessible.

Failing Elements
header > div.hidden > div.flex > a <a href="#">
header > div.hidden > div.flex > a <a href="#">
header > div.hidden > div.flex > a <a href="#">
header > div.hidden > div.flex > a <a href="#">

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Best Practices

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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.