

http://localhost:3000/













Performance

Accessibility

**Best Practices** 



## 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 Time to Interactive

First Contentful Paint

 $0.7 \, s$ 

1.1 s

Speed Index

1.2 s

**Total Blocking Time** 

180 ms

Largest Contentful Paint

1.0 s

**Cumulative Layout Shift** 

0.049

**View Original Trace View Treemap** 















Show audits relevant to: All <u>FCP TBT LCP CLS</u>

DIAGNOSTICS

Largest Contentful Paint image was lazily loaded

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Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. <u>Learn more</u>.



Serve static assets with an efficient cache policy  $\,$  —  $\,$   $\,$   $\,$  resources found

A long cache lifetime can speed up repeat visits to your page. Learn more.

URL	Cache TTL	Transfer Size
js/2.e3dd7f54.chunk.js (localhost)	None	85 KiB
css/2.f26e749f.chunk.css (localhost)	None	28 KiB
/movie_placeholder.webp (localhost)	None	3 KiB
js/main.39a10c72.chunk.js (localhost)	None	2 KiB
css/main.ca53ee25.chunk.css (localhost)	None	1 KiB

O Avoid chaining critical requests — 4 chains 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. Learn more. [FCP] [LCP]

Maximum critical path latency: 370 ms

Initial Navigation

http://localhost:3000

- ...css/2.f26e749f.chunk.css (localhost) 80 ms, 27.92 KiB
- ...css/main.ca53ee25.chunk.css (localhost) 40 ms, 0.53 KiB
- ...js/2.e3dd7f54.chunk.js (localhost) 240 ms, 85.34 KiB
- ...js/main.39a10c72.chunk.js (localhost) 30 ms, 2.48 KiB

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O Keep request counts low and transfer sizes small — 17 requests • 463 KiB

To set budgets for the quantity and size of page resources, add a budget.json file. Learn more.

Resource Type	Requests	Transfer Size
Total	17	463.1 KiB
Image	11	344.1 KiB
Script	2	87.8 KiB
Stylesheet	2	28.4 KiB
Document	1	1.4 KiB
Other	1	1.3 KiB
Media	0	0.0 KiB
Font	0	0.0 KiB
Third-party	11	342.8 KiB

○ Largest Contentful Paint element — 1 element found

This is the largest contentful element painted within the viewport. Learn More [LCP]



O Avoid large layout shifts — 2 elements found

These DOM elements contribute most to the CLS of the page. [CLS]

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Element		CLS Contribution
	div.g-4.mx-0.my-2.row.row-cols-xxl-5.row-cols-xl-5.row-cols-lg-5.row-cols-md-3.row-cols-sm-2.row-cols-1	0.043
	div.d-flex.flex-column.align-items-center.container	0.006

O Avoid long main-thread tasks — 6 long tasks found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. Learn more (TBT)

URL	Start Time	Duration
js/main.39a10c72.chunk.js (localhost)	728 ms	148 ms
http://localhost:3000	188 ms	136 ms
js/2.e3dd7f54.chunk.js (localhost)	900 ms	119 ms
js/2.e3dd7f54.chunk.js (localhost)	1,041 ms	104 ms
http://localhost:3000	563 ms	87 ms
http://localhost:3000	337 ms	59 ms

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

Eliminate render-blocking resources — Potential savings of 40 ms

PASSED AUDITS (33)
Hide

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. Learn more. (FCP) (LCP)

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URL	Transfer Size	Potential Savings
css/2.f26e749f.chunk.css (localhost)	27.9 KiB	110 ms
css/main.ca53ee25.chunk.css (localhost)	0.5 KiB	110 ms

Properly size images — Potential savings of 126 KiB

Serve images that are appropriately-sized to save cellular data and improve load time. <u>Learn more</u>.

	URL	Resource Size	Potential Savings
img-top.card_image2plgx	im g. caM/MV5BNjZmM@V1_SX300.jpg (m.media- rd amazon.com) -	65.2 KiB	24.8 KiB
img-top.card_image2plgx	im g. caM/MV5BZjBmY@V1_SX300.jpg (m.media- rd amazon.com) -	39.2 KiB	16.5 KiB
mg-top.card_image2plgx	im g. caM/MV5BMjQwM@V1_SX300.jpg (m.media- rd amazon.com) -	37.5 KiB	14.8 KiB
mg-top.card_image2plgx	im g. caM/MV5BMDg4Y@V1_SX300.jpg (m.media- rd amazon.com) -	34.2 KiB	13.1 KiB
img-top.card_image2plgx	imM/MV5BOGE1MV1_SX300.jpg (m.media- g. amazon.com) ca rd	30.8 KiB	12.7 KiB

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	URL	Resource Size	Potential Savings
img-top.card_image2plgx	im g. caM/MV5BMTUyN@V1_SX300.jpg (m.media- rd amazon.com) -	29.5 KiB	12.2 KiB
img-top.card_image2plgx	im g. caM/MV5BYzQ0Z@V1_SX300.jpg (m.media- rd amazon.com) -	28.6 KiB	11.8 KiB
img-top.card_image2plgx	im g. caM/MV5BOTA2Z@V1_SX300.jpg (m.media- rd amazon.com) -	27.4 KiB	10.6 KiB
img-top.card_image2plgx	im g. caM/MV5BODJkZ@V1_SX300.jpg (m.media- rd amazon.com) -	24.1 KiB	9.7 KiB

Defer offscreen images	^
Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. <u>Learn more</u> .	
Minify CSS	^
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> . FCP <u>LCP</u>	
Minify JavaScript	^
Minifying JavaScript files can reduce payload sizes and script parse time. <u>Learn more</u> . FCP <u>LCP</u>	
Reduce unused CSS — Potential savings of 26 KiB	^

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Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. Learn more. FCP [LCP]

URL	Transfer Size	Potential Savings
css/2.f26e749f.chunk.css (localhost)	27.9 KiB	26.3 KiB

Reduce unused JavaScript — Potential savings of 39 KiB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. <u>Learn more</u>. <u>[LCP]</u>

URL	Transfer Size	Potential Savings
js/2.e3dd7f54.chunk.js (localhost)	85.3 KiB	39.4 KiB
react-dom/cjs/react-dom.production.min.js	40.8 KiB	15.7 KiB
buffer/index.js	6.2 KiB	5.5 KiB
react/cjs/react.production.min.js	2.0 KiB	1.1 KiB
<pre>babel-preset-react- app/node_modules/@babel/runtime/helpers/esm/regeneratorRuntime.js</pre>	2.1 KiB	1.0 KiB
react-transition-group/esm/Transition.js	1.2 KiB	1.0 KiB

Efficiently encode images — Potential savings of 11 KiB

Optimized images load faster and consume less cellular data. Learn more.



Serve images in next-gen formats — Potential savings of 74 KiB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. <u>Learn more</u>.

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, 9:01 PM	about:blank		
	URL	Resource Size	Potential Savings
img-top.card_image2plgx	im g. caM/MV5BNjZmM@V1_SX300.jpg (m.media- rd amazon.com) -	65.2 KiB	37.1 KiB
img-top.card_image2plgx	im g. caM/MV5BMjQwM@V1_SX300.jpg (m.media- rd amazon.com) -	37.5 KiB	10.0 KiB
img-top.card_image2plgx	im g. caM/MV5BZjBmY@V1_SX300.jpg (m.media- rd amazon.com) -	39.2 KiB	9.4 KiB
img-top.card_image2plgx	im g. caM/MV5BMDg4Y@V1_SX300.jpg (m.media- rd amazon.com) -	34.2 KiB	9.0 KiB
img-top.card_image2plgx	im g. caM/MV5BOGE1MV1_SX300.jpg (m.media- rd amazon.com) -	30.8 KiB	8.2 KiB

Enable text compression

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more. FCP LCP

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins. <u>Learn more</u>. (FCP) (LCP)

Preconnect to required origins — Potential savings of 100 ms

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URL	Potential Savings
http://www.omdbapi.com	100 ms
Initial server response time was short — Root document took 10 ms	^
Keep the server response time for the main document short because all other requests depend on it. LCP	earn more. FCP
URL	Time Spent
http://localhost:3000	10 ms
Avoid multiple page redirects	^
Redirects introduce additional delays before the page can be loaded. <u>Learn more</u> . <u>FCP</u> <u>LCP</u>	
Preload key requests	^
Consider using ` <li>k rel=preload&gt;` to prioritize fetching resources that are currently requested later in more. FCP LCP</li>	page load. <u>Learn</u>
Use HTTP/2	^
HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more.	
Use video formats for animated content	^
Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for an PNG/WebP for static images instead of GIF to save network bytes. <u>Learn more [LCP]</u>	imations and
Remove duplicate modules in JavaScript bundles	^
Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by <a>TBT</a> )	network activity.
Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB	^
Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using mode detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy More TBT	ule/nomodule feature

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URL	Potential Savings
js/2.e3dd7f54.chunk.js (localhost)	0.1 KiB
2.e3dd7f54.chunk.js:2	@babel/plugin-transform-classes

### Preload Largest Contentful Paint image

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Preload the image used by the LCP element in order to improve your LCP time. <u>Learn more</u>. <u>LCP</u>



Avoids enormous network payloads — Total size was 465 KiB

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Large network payloads cost users real money and are highly correlated with long load times. Learn more. [LCP]

✓ Show 3rd-party resources (8)

	one or party receases (e)
URL	Transfer Size
js/2.e3dd7f54.chunk.js (localhost)	85.3 KiB
M/MV5BNjZmM@V1_SX300.jpg (m.media-amazon.com)	65.9 KiB
M/MV5BZjBmY@V1_SX300.jpg (m.media-amazon.com)	39.9 KiB
M/MV5BMjQwM@V1_SX300.jpg (m.media-amazon.com)	38.2 KiB
M/MV5BMDg4Y@V1_SX300.jpg (m.media-amazon.com)	34.9 KiB
M/MV5BOGE1MV1_SX300.jpg (m.media-amazon.com)	31.5 KiB
M/MV5BMTUyN@V1_SX300.jpg (m.media-amazon.com)	30.1 KiB
M/MV5BYzQ0Z@V1_SX300.jpg (m.media-amazon.com)	29.4 KiB
M/MV5BOTA2Z@V1_SX300.jpg (m.media-amazon.com)	28.2 KiB

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URL	Transfer Size
css/2.f26e749f.chunk.css (localhost)	27.9 KiB

### Avoids an excessive DOM size - 105 elements

A large DOM will increase memory usage, cause longer <u>style calculations</u>, and produce costly <u>layout reflows</u>. <u>Learn more</u>. <u>(TBT)</u>

Statistic	Element		Value
Total DOM Elements			105
Maximum DOM Depth		div.offcanvas-title.h5	9
Maximum Child Elements		div.g-4.mx-0.my-2.row.row-cols-xxl-5.row-cols-xl-5.row-cols-lg-5.row-cols-md-3.row-cols-sm-2.row-cols-1	10

### User Timing marks and measures

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. <u>Learn more</u>.

JavaScript execution time — 0.6 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more</u>. (TBT)

URL	Total CPU Time	Script Evaluation	Script Parse
http://localhost:3000	632 ms	16 ms	43 ms
js/2.e3dd7f54.chunk.js (localhost)	400 ms	329 ms	32 ms
Unattributable	293 ms	5 ms	0 ms

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URL	Total CPU Time	Script Evaluation	Script Parse
js/main.39a10c72.chunk.js (localhost)	147 ms	146 ms	1 ms

Minimizes main-thread work — 1.5 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more (TBT)</u>

Category	Time Spent
Script Evaluation	496 ms
Other	491 ms
Style & Layout	256 ms
Rendering	98 ms
Script Parsing & Compilation	76 ms
Parse HTML & CSS	61 ms

All text remains visible during webfont loads

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. Learn more. FCP [CCP]

Minimize third-party usage

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. <u>Learn more</u>. (TBT)

O Lazy load third-party resources with facades

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. <u>Learn more.</u>

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance. <u>Learn</u> <u>more</u>.

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Avoids document.write()

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. <u>Learn more</u>.

Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. Learn more CLS

Image elements have explicit width and height

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. Learn more CLS

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

A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents <u>a 300 millisecond delay</u> to user input. <u>Learn more</u>. (TBT)

Avoids unload event listeners

The `unload` event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache.

Use `pagehide` or `visibilitychange` events instead. <u>Learn more</u>



# 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.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

O The page has a logical tab order

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more.

O Interactive controls are keyboard focusable

Custom interactive controls are keyboard focusable and display a focus indicator. Learn more.

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Interactive elements indicate their purpose and state	^
Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. <u>Learn more</u> .	
The user's focus is directed to new content added to the page	^
If new content, such as a dialog, is added to the page, the user's focus is directed to it. <u>Learn more</u> .	
User focus is not accidentally trapped in a region	^
A user can tab into and out of any control or region without accidentally trapping their focus. <u>Learn more</u> .	
Custom controls have associated labels	^
Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more</u> .	
Custom controls have ARIA roles	^
Custom interactive controls have appropriate ARIA roles. <u>Learn more</u> .	
Visual order on the page follows DOM order	^
DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .	
Offscreen content is hidden from assistive technology	^
Offscreen content is hidden with display: none or aria-hidden=true. <u>Learn more</u> .	
HTML5 landmark elements are used to improve navigation	^
Landmark elements ( <main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive techno <a href="Learn more"><u>Learn more</u></a>.</nav></main>	logy.
These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an access	<u>ibility</u>

review.

PASSED AUDITS (17) Hide

[aria-hidden="true"] is not present on the document <body>

Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document `<body>`. Learn more.

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[role]s have all required [aria-\*] attributes Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more. [role] values are valid ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more. Buttons have an accessible name When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. Learn more. Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5. Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. Learn more. [aria-hidden="true"] elements do not contain focusable descendents Focusable descendents within an `[aria-hidden="true"]` element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn more. The page contains a heading, skip link, or landmark region ^ Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. Learn more. Background and foreground colors have a sufficient contrast ratio Low-contrast text is difficult or impossible for many users to read. Learn more. Document has a <title> element The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more. <html> element has a [lang] attribute

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If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. <u>Learn more</u>.

<html> element has a valid value for its [lang] attribute

Specifying a valid BCP 47 language helps screen readers announce text properly. Learn more.

Links 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. <u>Learn more</u>.

Lists contain only elements and script supporting elements (<script> and <template>).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn</u> <u>more</u>.

List items () are contained within or parent elements

Screen readers require list items (`') to be contained within a parent `' or `' to be announced properly. <u>Learn</u> more.

No element has a [tabindex] value greater than 0

A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. <u>Learn more</u>.

Heading elements appear in a sequentially-descending order

Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. <u>Learn more</u>.

^

^

NOT APPLICABLE (27)

[accesskey] values are unique

Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. <u>Learn</u> more.

[aria-\*] attributes match their roles

Each ARIA `role` supports a specific subset of `aria-\*` attributes. Mismatching these invalidates the `aria-\*` attributes. <u>Learn</u> more.

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O button, link, and menuitem elements have accessible names
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .
ARIA input fields have accessible names
When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .
ARIA meter elements have accessible names
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .
ARIA progressbar elements have accessible names
When a `progressbar` element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .
Elements with an ARIA [role] that require children to contain a specific [role] have all required children.
Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more.
[role]s are contained by their required parent element
Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. <u>Learn more</u> .
ARIA toggle fields have accessible names
When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .
ARIA tooltip elements have accessible names
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .
ARIA treeitem elements have accessible names
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .

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O [aria-*] attributes have valid values	^
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. <u>Learn more</u> .	
O [aria-*] attributes are valid and not misspelled	^
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. <u>Learn more</u> .	
<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.</td><td>^</td></tr><tr><td>When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. <u>Learn more</u></td><td><u>                                     </u></td></tr><tr><td>O Definition list items are wrapped in <d1> elements</td><td>^</td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. <u>Learn more</u>.</td><td></td></tr><tr><td>O [id] attributes on active, focusable elements are unique</td><td>^</td></tr><tr><td>All focusable elements must have a unique `id` to ensure that they're visible to assistive technologies. Learn more.</td><td></td></tr><tr><td>O ARIA IDs are unique</td><td>^</td></tr><tr><td>The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. <u>Lear</u> <u>more</u>.</td><td><u>n</u></td></tr><tr><td>No form fields have multiple labels</td><td>^</td></tr><tr><td>Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. <u>Learn more</u>.</td><td></td></tr><tr><td>O <frame> or <iframe> elements have a title</td><td>^</td></tr><tr><td>Screen reader users rely on frame titles to describe the contents of frames. Learn more.</td><td></td></tr><tr><td>O <input type="image"> elements have [alt] text</td><td>^</td></tr><tr><td>When an image is being used as an `<input>` button, providing alternative text can help screen reader users understand the purpose of the button. Learn more.</td><td></td></tr><tr><td>O Form elements have associated labels</td><td>^</td></tr><tr><td>Labels ensure that form controls are announced properly by assistive technologies, like screen readers. <u>Learn more</u>.</td><td></td></tr></tbody></table></script></dd></dt></dl>	

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The document does not use <meta http-equiv="refresh"> Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. Learn more. <object> elements have alternate text Screen readers cannot translate non-text content. Adding alternate text to `<object>` elements helps screen readers convey meaning to users. Learn more. Cells in a element that use the [headers] attribute refer to table cells within the same table. Screen readers have features to make navigating tables easier. Ensuring `` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. Learn more. elements and elements with [role="columnheader"/"rowheader"] have data cells they describe. Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. Learn more. [lang] attributes have a valid value Specifying a valid BCP 47 language on elements helps ensure that text is pronounced correctly by a screen reader. Learn <video> elements contain a <track> element with [kind="captions"]



When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more.

# **Best Practices**

### TRUST AND SAFETY

**A** 

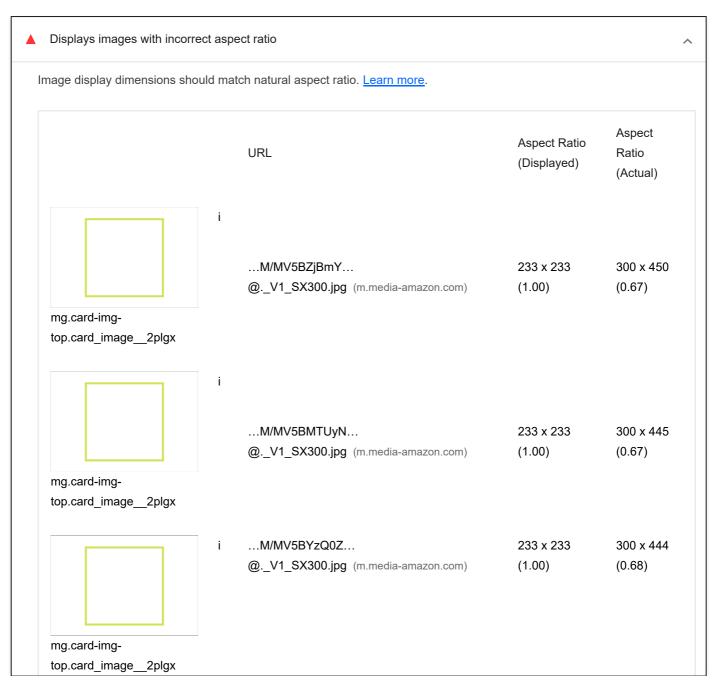
Does not use HTTPS — 1 insecure request found

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. <u>Learn more</u>.

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Insecure URL		Request Resolution
/?apikey=682066cf&s=Kung%20fu%20Panda&pa୍	ge=1 (www.omdbapi.com)	Allowed
Ensure CSP is effective against XSS attacks		
A strong Content Security Policy (CSP) significantly r	reduces the risk of cross-site scripting	ng (XSS) attacks. <u>Learn more</u>
A strong Content Security Policy (CSP) significantly r  Description	reduces the risk of cross-site scripting	ng (XSS) attacks. <u>Learn more</u> Severity

#### **USER EXPERIENCE**



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01 PM		about:blank		
		URL	Aspect Ratio (Displayed)	Aspect Ratio (Actual)
mg.card-img- top.card_image2plgx	i	M/MV5BOGE1MV1_SX300.jpg (m.media-amazon.com)	233 x 233 (1.00)	300 x 444 (0.68)
mg.card-img- top.card_image2plgx	i	M/MV5BODJkZ @V1_SX300.jpg (m.media-amazon.com)	233 x 233 (1.00)	300 x 435 (0.69)
mg.card-img- top.card_image2plgx	i	M/MV5BMjQwM @V1_SX300.jpg (m.media-amazon.com)	233 x 233 (1.00)	300 x 430 (0.70)
mg.card-img- top.card_image2plgx	i	M/MV5BOTA2Z @V1_SX300.jpg (m.media-amazon.com)	233 x 233 (1.00)	300 x 426 (0.70)
mg.card-img- top.card_image2plgx	i	M/MV5BMDg4Y @V1_SX300.jpg (m.media-amazon.com)	233 x 233 (1.00)	300 x 422 (0.71)

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	URL	Aspect Ratio (Displayed)	Aspect Ratio (Actual)
mg.card-img-	M/MV5BNjZmM	233 x 233	300 x 421
top.card_image2plgx	@V1_SX300.jpg (m.media-amazon.com)	(1.00)	(0.71)
mg.card-img-	M/MV5BMDU2Z	233 x 233	300 x 313
top.card_image2plgx	@V1_SX300.jpg (m.media-amazon.com)	(1.00)	(0.96)

### **GENERAL**

Detected JavaScript libraries		^
All front-end JavaScript libraries detected on t	the page. <u>Learn more</u> .	
Name	Version	
Create React App		

PASSED AUDITS (11) Hide

Avoids requesting the geolocation permission on page load

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. Learn more.

Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. <u>Learn more</u>.

Avoids front-end JavaScript libraries with known security vulnerabilities

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Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. Learn more. Allows users to paste into password fields Preventing password pasting undermines good security policy. Learn more. Serves images with appropriate resolution Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn more. Page has the HTML doctype Specifying a doctype prevents the browser from switching to quirks-mode. Learn more. Properly defines charset A character encoding declaration is required. It can be done with a '<meta>' tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. Learn more. Avoids deprecated APIs Deprecated APIs will eventually be removed from the browser. Learn more. No browser errors logged to the console Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. Learn more No issues in the Issues panel in Chrome Devtools Issues logged to the `Issues` panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue. Page has valid source maps Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. Learn more.

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URL Map URL ...js/main.39a10c72.chunk.js (localhost) ...js/main.39a10c72.chunk.js.map (localhost) ...js/2.e3dd7f54.chunk.js (localhost) ...js/2.e3dd7f54.chunk.js.map (localhost)

NOT APPLICABLE (1) Hide

Fonts with font-display: optional are preloaded Preload `optional` fonts so first-time visitors may use them. Learn more

Captured at Jan 16, 2023, 9:00 PM GMT+5:30

**Emulated Desktop with** Lighthouse 9.6.6 Initial page load **Custom throttling** 

Single page load

Using Chromium 108.0.0.0 with devtools

Generated by **Lighthouse** 9.6.6 | File an issue

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