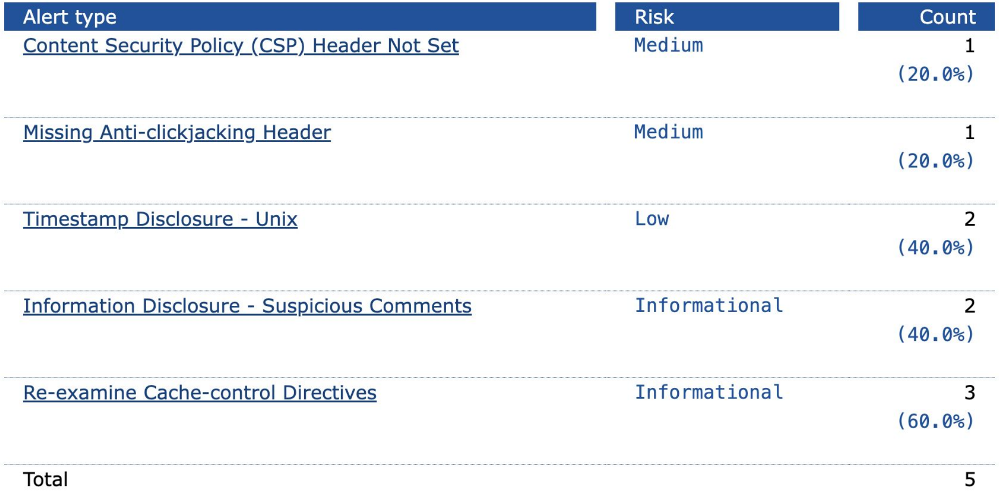
Gather Audit

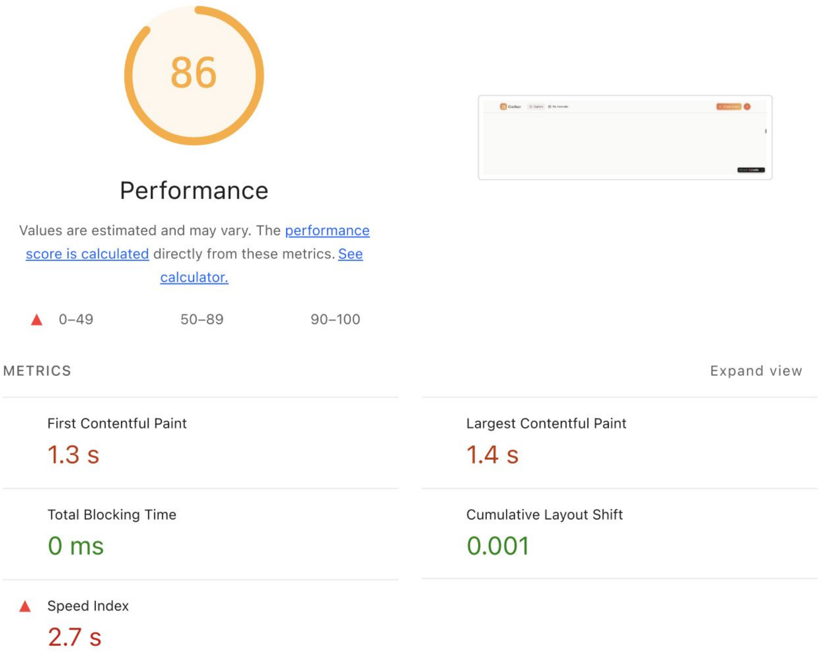
ZAP by Checkmarx Scanning Report



Alert type	Risk	Count
Content Security Policy (CSP) Header Not Set	Medium	1 (20.0%)
Missing Anti-clickjacking Header	Medium	1 (20.0%)
Timestamp Disclosure - Unix	Low	2 (40.0%)
Information Disclosure - Suspicious Comments	Informational	2 (40.0%)
Re-examine Cache-control Directives	Informational	3 (60.0%)
Total		5

- Set recommended headers

Performance Evaluation



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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
1.3 s

Largest Contentful Paint
1.4 s

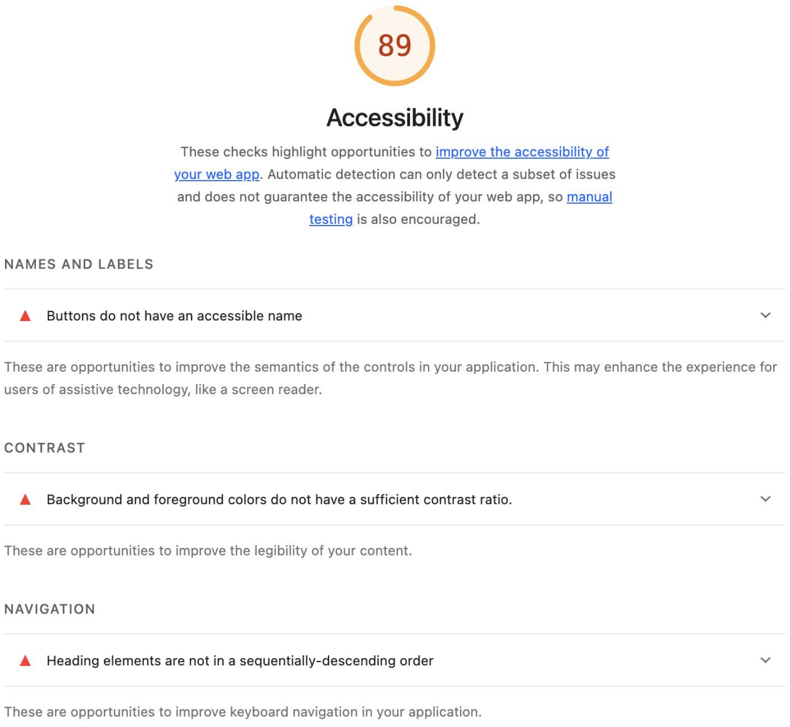
Total Blocking Time
0 ms

Cumulative Layout Shift
0.001

▲ Speed Index
2.7 s

- Paginate results + infinite scroll
- Geocoding is happening live, switch to geocoding at event creation time and cache results

Accessibility - Lighthouse and Axe



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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.

NAMES AND LABELS

▲ Buttons do not have an accessible 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.

CONTRAST

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

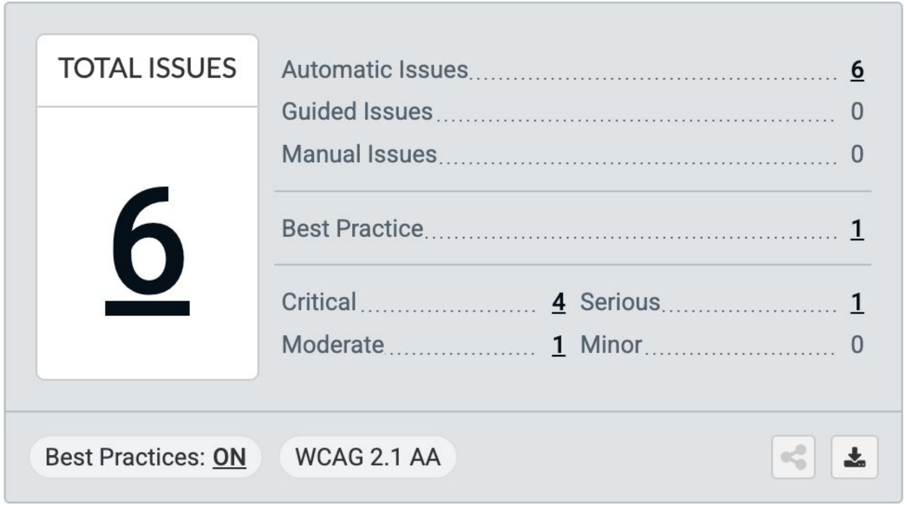
These are opportunities to improve the legibility of your content.

NAVIGATION

▲ Heading elements are not in a sequentially-descending order

These are opportunities to improve keyboard navigation in your application.

- Fix recommended issues



TOTAL ISSUES

6

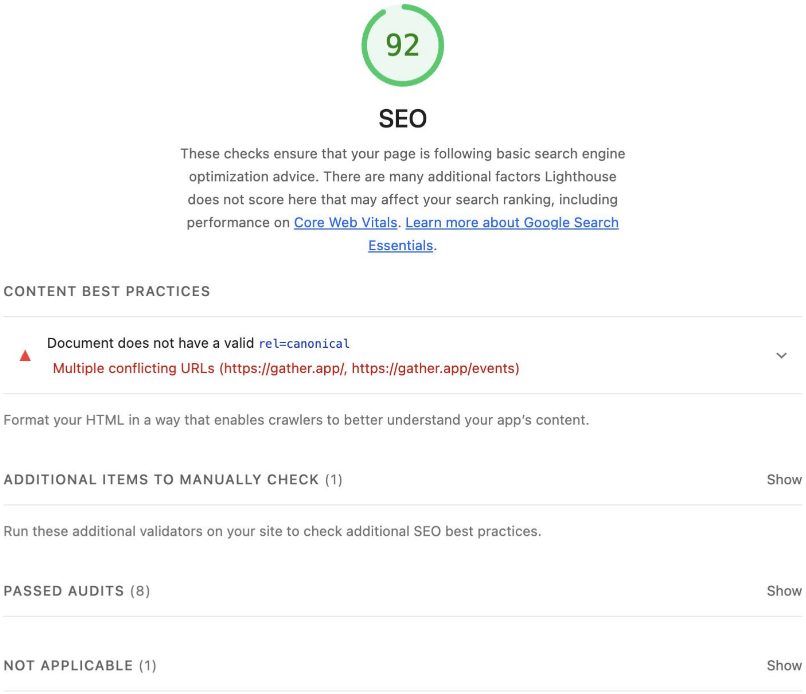
Automatic Issues	6
Guided Issues	0
Manual Issues	0
Best Practice	1

Critical	4	Serious	1
Moderate	1	Minor	0

Best Practices: ON

WCAG 2.1 AA

SEO



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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.

CONTENT BEST PRACTICES

Document does not have a valid `rel=canonical`

Multiple conflicting URLs (https://gather.app/, https://gather.app/events)

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

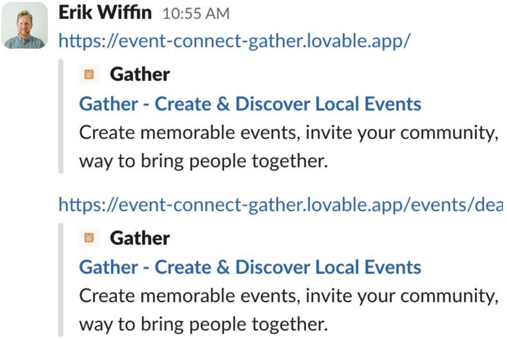
ADDITIONAL ITEMS TO MANUALLY CHECK (1) Show

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

PASSED AUDITS (8) Show

NOT APPLICABLE (1) Show

- Fix canonical URL
- Fix duplicate tags for social previews
- Sub-sitemaps, add events to sitemaps



Erik Wiffin 10:55 AM

https://event-connect-gather.lovable.app/

Gather

Gather - Create & Discover Local Events

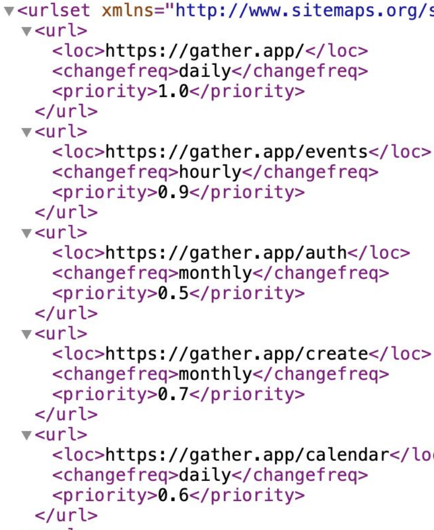
Create memorable events, invite your community, way to bring people together.

https://event-connect-gather.lovable.app/events/dea

Gather

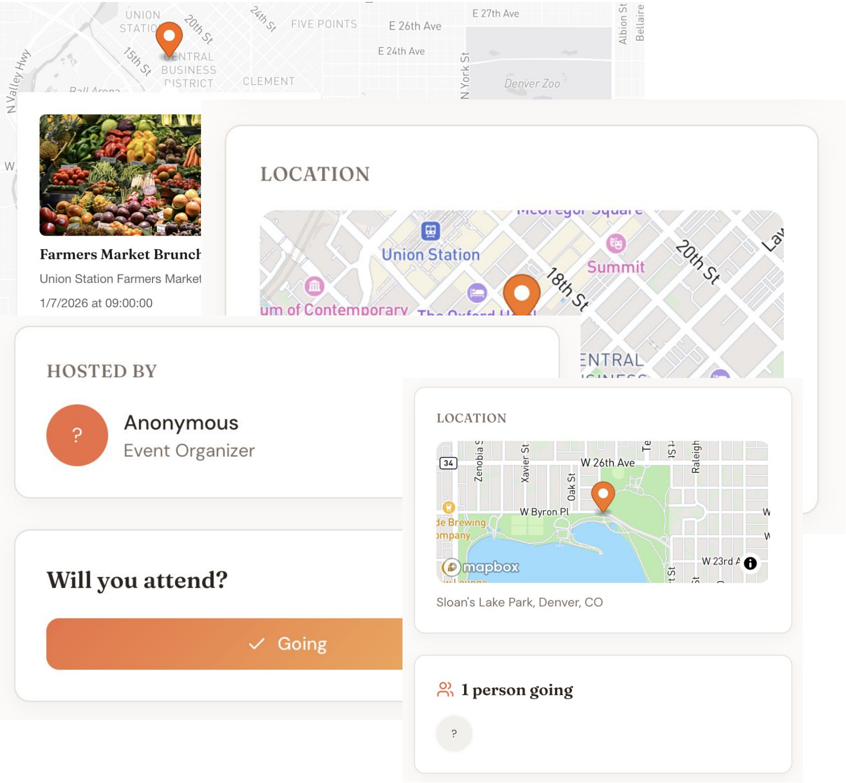
Gather - Create & Discover Local Events

Create memorable events, invite your community, way to bring people together.



```
<urlset xmlns="http://www.sitemaps.org/s
  <url>
    <loc>https://gather.app/</loc>
    <changefreq>daily</changefreq>
    <priority>1.0</priority>
  </url>
  <url>
    <loc>https://gather.app/events</loc>
    <changefreq>hourly</changefreq>
    <priority>0.9</priority>
  </url>
  <url>
    <loc>https://gather.app/auth</loc>
    <changefreq>monthly</changefreq>
    <priority>0.5</priority>
  </url>
  <url>
    <loc>https://gather.app/create</loc>
    <changefreq>monthly</changefreq>
    <priority>0.7</priority>
  </url>
  <url>
    <loc>https://gather.app/calendar</lo
    <changefreq>daily</changefreq>
    <priority>0.6</priority>
  </url>
```

Design and Consistency



Farmers Market Brunch

Union Station Farmers Market

1/7/2026 at 09:00:00

LOCATION

HOSTED BY

?

Anonymous

Event Organizer

Will you attend?

✓ Going

LOCATION

Sloan's Lake Park, Denver, CO

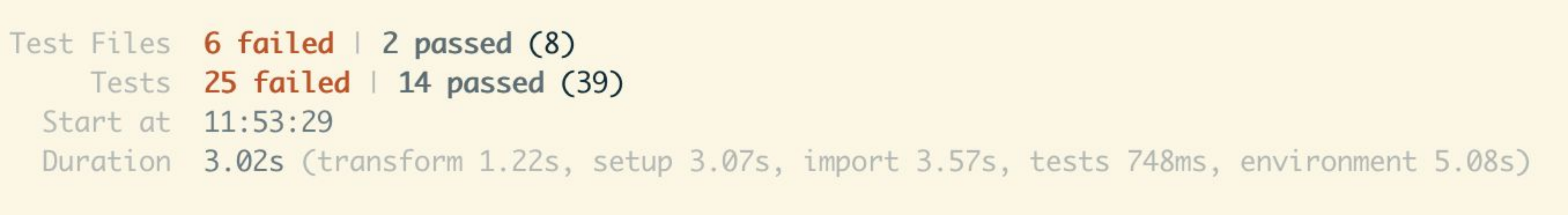
1 person going

?

- Use consistent map styles
- Update headers to be more consistent

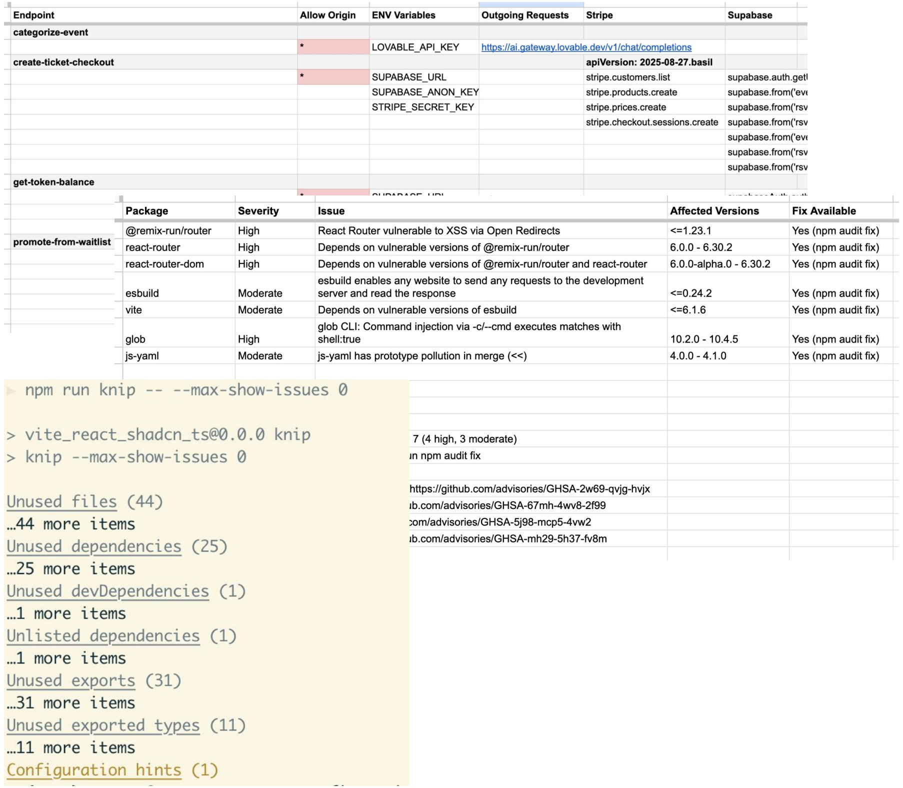
Testing - Failure

- Add a comprehensive integration test suite for core user journeys
- Fix failing tests
- Integrate regression testing into software development workflow so that core user functionality does not degrade



```
Test Files  6 failed | 2 passed (8)
     Tests  25 failed | 14 passed (39)
  Start at  11:53:29
  Duration  3.02s (transform 1.22s, setup 3.07s, import 3.57s, tests 748ms, environment 5.08s)
```

Code Quality



Endpoint	Allow Origin	ENV Variables	Outgoing Requests	Stripe	Supabase
categorize-event					
	*	LOVABLE_API_KEY	https://ai.gateway.lovable.dev/v1/chat/completions		
create-ticket-checkout				**apiVersion: 2025-08-27.basil**	
	*	SUPABASE_URL		stripe.customers.list	supabase.auth.get
		SUPABASE_ANON_KEY		stripe.products.create	supabase.from('eve
		STRIPE_SECRET_KEY		stripe.prices.create	supabase.from('rsv
				stripe.checkout.sessions.create	supabase.from('rsv
					supabase.from('eve
					supabase.from('rsv
					supabase.from('rsv
get-token-balance					
promote-from-waitlist					

Package	Severity	Issue	Affected Versions	Fix Available
@remix-run/router	High	React Router vulnerable to XSS via Open Redirects	<=1.23.1	Yes (npm audit fix)
react-router	High	Depends on vulnerable versions of @remix-run/router	6.0.0 - 6.30.2	Yes (npm audit fix)
react-router-dom	High	Depends on vulnerable versions of @remix-run/router and react-router	6.0.0-alpha.0 - 6.30.2	Yes (npm audit fix)
esbuild	Moderate	esbuild enables any website to send any requests to the development server and read the response	<=0.24.2	Yes (npm audit fix)
vite	Moderate	Depends on vulnerable versions of esbuild	<=6.1.6	Yes (npm audit fix)
glob	High	glob CLI: Command injection via -c/--cmd executes matches with shell:true	10.2.0 - 10.4.5	Yes (npm audit fix)
js-yaml	Moderate	js-yaml has prototype pollution in merge (<<)	4.0.0 - 4.1.0	Yes (npm audit fix)

7 (4 high, 3 moderate)

un npm audit fix

https://github.com/advisories/GHSA-2w69-qvjg-hvjx

ub.com/advisories/GHSA-67mh-4wv8-2f99

com/advisories/GHSA-5j98-mcp5-4vw2

ub.com/advisories/GHSA-mh29-5h37-fv8m

```
▶ npm run knip -- --max-show-issues 0

> vite_react_shadcn_ts@0.0.0 knip
> knip --max-show-issues 0

Unused files (44)
…44 more items
Unused dependencies (25)
…25 more items
Unused devDependencies (1)
…1 more items
Unlisted dependencies (1)
…1 more items
Unused exports (31)
…31 more items
Unused exported types (11)
…11 more items
Configuration hints (1)
```

- Distinct development, staging, and production environments
- Extract hard-coded LLM prompt
- Dynamic map default location
- Add CORS headers
- `npm audit fix`
- Remove unused code

Next Steps

- The SEO bug definitely needs to get fixed, and a working set of integration tests to make sure we don’t break any of the functionality we currently have would go a long way to helping me sleep at night.
- Before exposing any of this to real users, I’d want to create a dedicated production environment with a database that is not connected to a coding agent. Luckily it was easy to export the app to Github and it wouldn't be a huge lift to get it deployed somewhere else.
- A few of the features need more work. The ticketed events feature doesn’t really do anything other than trigger a Stripe checkout flow. We’d probably want that to use Stripe Connect so event organizers could get paid, and give them more tools for managing purchased tickets and seeing their own revenue flow. The location autocomplete when creating an event could be better. Etc.
- No analytics have been configured beyond what Loveable comes with out of the box. A marketing team is going to know more than that, so they can see what kinds of events are attracting notice and how users are using the app.