Audit Report: Full-stack digital solutions – premier custom software & design

Website: https://playandnope.com/
Date: 12.10.2026
Audit Coverage: 93% — PageSpeed Insights (desktop): PSI HTTP 502; PageSpeed Insights (desktop): PSI HTTP 500; PageSpeed Insights (mobile): PSI HTTP 502; W3C Validator: W3C validator could not fetch the page: HTTP request failed: java.io.EOFException: HttpConnectionOverHTTP@25f164ea::SslEndPoint@487011c[{l=/10.0.1.246:40974,r=playandnope.com/85.194.202.148:443,OPEN,fill=-,flush=-,
Confidence: medium

Pages Audited (5 of 5):

- https://playandnope.com/
- https://playandnope.com/privacy-policy
- https://playandnope.com/contact
- https://playandnope.com/full-stack-digital-agency
- https://playandnope.com/digital-solutions-contact

Summary of results

Overall Score: 68 / 100
Status: □ □ **Needs Improvement**

Site overall 68 is the mean of 5 pages. Scores range 52 (https://playandnope.com/contact) → 84 (https://playandnope.com/privacy-policy). Weakest page: Performance is catastrophic (PSI Mobile 35, LCP 12.3 s, TBT 26 s), dragging the score into the 'Poor' band despite strong Accessibility (99) and Security (PASS) basics. The 12.3 s LCP indicates near-unusable load times on mobile, primarily driven by duplicate reCAPTCHA scripts and unoptimized theme JavaScript. Accessibility is compromised by a form textarea missing a label, contradicting the high axe score. Security headers are present but weak (CSP missing default-src), and while UGC is present (textarea), the lack of auth keeps the risk moderate. Confidence is medium due to the failed PSI Desktop strategy and incomplete axe contrast checks.

Per-page scores

□ **Poor** · https://playandnope.com/

Score	Performance	Accessibility	Best Practices	SEO	Security
55	42	100	100	92	PASS

□ **Needs Improvement** · https://playandnope.com/privacy-policy

Score	Performance	Accessibility	Best Practices	SEO	Security
84	88	100	100	100	PASS

□ **Poor** · https://playandnope.com/contact

Score	Performance	Accessibility	Best Practices	SEO	Security
52	35	99	96	100	PASS

□ **Needs Improvement** · https://playandnope.com/full-stack-digital-agency

Score	Performance	Accessibility	Best Practices	SEO	Security
78	54	98	100	100	PASS

□ **Needs Improvement** · https://playandnope.com/digital-solutions-contact

Score	Performance	Accessibility	Best Practices	SEO	Security
70	34	99	96	100	PASS

PageSpeed Insights — Mobile vs Desktop

*Lower is worse for Performance; higher is worse for LCP and CLS. Worse value is **bolded**.*

URL	Performance (M / D)	LCP (M / D)	CLS (M / D)
https://playandnope.com/	42 / —	4.49 s / —	0.000 / —
https://playandnope.com/privacy-policy	**88** / 97	**3.71 s** / 551 ms	0.000 / **0.097**
https://playandnope.com/contact	35 / —	12.35 s / —	0.056 / —
https://playandnope.com/full-stack-digital-agency	— / 54	— / 1.81 s	— / 0.098
https://playandnope.com/digital-solutions-contact	34 / —	12.43 s / —	0.063 / —

Optimization Checklist

3 of 3 passing — 3 pass · 0 warn · 0 fail · 5 n/a

Item	Status	Detail
Page caching plugin / CDN active	**Pass**	Caching plugin detected (WP Rocket)
Response compressed (gzip / brotli)	**Pass**	Document response is compressed with gzip.
Images lazy-loaded	N/A	No raster elements found (25 SVGs, 5 placeholders excluded).
Hero image eagerly loaded	N/A	No raster elements found (25 SVGs, 5 placeholders excluded).
Hero is a real (not a CSS background-image)	N/A	No CSS background-images detected on raster-image-eligible elements.
Responsive images (srcset /)	N/A	Only 0 raster images on the page (25 SVGs, 5 placeholders excluded) — responsive-image rule does not apply.
Reasonable number of image sizes	N/A	Too few raster images to evaluate srcset width variety.
JS scripts not blocking in	**Pass**	No render-blocking scripts in .

Fixes

Priority 1: Critical

Immediate action — impacts user experience, search rankings, or site safety.

1A. Reduce Total Blocking Time (TBT) `Performance`

- **Impact:** TBT, Interaction readiness
- **Problem:** TBT is 23,010 ms due to long tasks in global.js, core.js, and jquery.min.js (509 ms, 458 ms, etc.).
- **Solution:**
  - Split large JS bundles (global.js, core.js) using code splitting.
  - Defer non-critical JS execution.
  - Optimize or remove unused JS (92 KB wasted in global.js).
  - Consider Web Workers for heavy computations.

1B. Improve Largest Contentful Paint (LCP) `Performance`

- **Impact:** LCP, Perceived load speed
- **Problem:** LCP is 4.5 s (field 2.4 s), exceeding the 2.5 s threshold significantly.
- **Solution:**
  - Preload the LCP element (likely a hero SVG or image).
  - Optimize server response time (TTFB is 41 ms, good, but JS execution delays render).
  - Ensure critical CSS is inlined and non-critical CSS is deferred.

1C. Fix color contrast on h1, links, and button text `Accessibility`

- **Impact:** WCAG 1.4.3 compliance, screen reader usability
- **Problem:** axe-core found 1 serious violation: h1, mailto/tel links, and .button__text fail minimum contrast thresholds.
- **Solution:** Increase contrast ratio to at least 4.5:1 for normal text. Example CSS:

```
h1, .button__text, a[href^="mailto"], a[href^="tel"] {
  color: #333333; /* Adjust to meet contrast against background */
}
```

1D. Reduce Largest Contentful Paint (LCP) to under 2.5 s `Performance`

- **Impact:** LCP, Core Web Vitals, Mobile SEO
- **Problem:** Mobile LCP is 3.7 s (field 2.4 s), driven by hero assets and render-blocking resources.
- **Solution:**
  1. Preload the hero image or font.
  2. Inline critical CSS.
  3. Ensure the hero SVG is optimized and not loaded via a heavy script.
  4. Use `fetchpriority="high"` on the LCP element.

1E. Eliminate duplicate reCAPTCHA scripts and defer theme JS `Performance`

- **Impact:** LCP, TBT, Total Blocking Time
- **Problem:** PSI reports 12.3 s LCP and 26 s TBT; reCAPTCHA loads 3 times (500 KB+ wasted) and theme JS causes multiple long tasks (879 ms, 541 ms).
- **Solution:** Ensure reCAPTCHA loads only once (check for duplicate script tags in HTML). Defer non-critical theme scripts (`core.js` , `global.js`) and remove unused JS. Use `render-blocking` only for critical CSS.

1F. Reduce Total Blocking Time (TBT) and Long Tasks `Performance`

- **Impact:** Interactivity, TBT, Time to Interactive
- **Problem:** Total Blocking Time is 27,270 ms with multiple long tasks exceeding 1 s in global.js and core.js, dragging the Performance score to 54.
- **Solution:**
  - Defer non-critical JavaScript execution.
  - Split large bundles (`global.js` , `core.js`) into smaller chunks.
  - Use `requestIdleCallback` or `setTimeout` to break up long tasks.
  - Audit third-party scripts (e.g., `iframemanager.js` , `cookieconsent.umd.js`) for blocking behavior.

1G. Reduce JavaScript execution time and payload `Performance`

- **Impact:** TBT, LCP, FCP, Performance Score
- **Problem:** TBT is 25.5 s and LCP is 12.4 s; 1.16 MB of scripts loaded, with 176 KB+ unused JS from reCAPTCHA and theme files.
- **Solution:**
  - Defer non-critical scripts (reCAPTCHA, analytics) until user interaction.
  - Remove unused JavaScript (176 KB wasted in `recaptcha__en.js`).
  - Split theme JS (`global.js` , `jquery.js`) and load only what the contact page needs.
  - Consider lazy-loading reCAPTCHA only when the form is scrolled into view.

1H. Strengthen Content-Security-Policy (CSP) `Security`

- **Impact:** XSS protection, Data integrity
- **Problem:** CSP is present but weak (missing `default-src` , `object-src 'none'`); site has user-generated content (textarea), increasing XSS risk per rubric.
- **Solution:**
  - Add `default-src 'self'` to restrict resource origins.
  - Add `object-src 'none'` to block Flash/Java.
  - Implement nonce-based CSP for scripts: `script-src 'nonce-{random}' 'strict-dynamic'` .
  - Ensure all third-party scripts (reCAPTCHA, fonts) are whitelisted explicitly.

Priority 2: Important

Essential for compliance, user reach, and search visibility.

2A. Fix vague link text `SEO`

- **Impact:** SEO, Accessibility
- **Problem:** 4 links use vague text like 'read more' without context, failing SEO audit.
- **Solution:**
  - Replace 'read more' with descriptive text (e.g., 'Read more about Business Transformation').
  - Use `aria-label` if visual text must remain generic.

2B. Remove unused JavaScript `Performance`

- **Impact:** Page weight, TBT, LCP
- **Problem:** 112 KB of unused JavaScript found in `global.62444fa2566b44750ca1.min.js`.
- **Solution:** Audit the `global.js` bundle. Remove code paths not used on the privacy policy page. Consider code splitting if the theme loads global scripts on all pages.

2C. Add accessible labels to form textareas `Accessibility`

- **Impact:** WCAG 1.3.1, 3.3.2
- **Problem:** HTML Inventory identifies a textarea with no label, which screen readers cannot announce despite axe-core passing.
- **Solution:** Associate a `<label>` element with the textarea using `for` and `id` attributes, or add `aria-label` if visual labels are hidden.

2D. Strengthen Content-Security-Policy (CSP) `Security`

- **Impact:** XSS mitigation
- **Problem:** CSP is present but weak (missing `default-src`, `object-src 'none'`); UGC is present (textarea), increasing XSS risk if form data is stored.
- **Solution:** Update CSP to include `default-src 'self'` and `object-src 'none'`. Consider nonce-based CSP for scripts if dynamic content is injected.

2E. Fix Heading Order Hierarchy `Accessibility`

- **Impact:** Screen reader navigation, WCAG 1.3.1
- **Problem:** axe-core detected a moderate violation where heading levels skip from h1 to h3 after 'Get to know us'.
- **Solution:**
  - Ensure headings follow a sequential order (h1 → h2 → h3).
  - Change the `<h3>` following the main `<h1>` to an `<h2>` or insert an `<h2>` wrapper.
  - Verify the visual hierarchy matches the DOM structure.

2F. Label form inputs and fix W3C errors `Accessibility`

- **Impact:** WCAG 1.3.1, 3.3.2, HTML validity
- **Problem:** Textarea in contact form has no label; 2 W3C errors on hidden inputs with invalid `autocomplete` attributes.
- **Solution:**
  - Add `<label for="message">Message</label>` linked to the textarea.
  - Remove `autocomplete="off"` from hidden inputs (W3C error).
  - Ensure all form fields have visible or programmatic labels.

Priority 3: Best Practice

Recommended for long-term maintainability.

3A. Strengthen Content-Security-Policy `Security`

- **Impact:** XSS defense-in-depth
- **Problem:** CSP is present but weak: missing `default-src` and `object-src 'none'`.
- **Solution:**
  - Add `default-src 'self'` to restrict resource loading.
  - Add `object-src 'none'` to block Flash/plugins.
  - Use nonce/hash for scripts if dynamic content is added.

3B. Add explicit dimensions to SVGs `Performance`

- **Impact:** CLS (Cumulative Layout Shift)

- **Problem:** 5 images (SVGs) lack explicit width/height attributes, risking layout shifts.
- **Solution:**
  - Add `width` and `height` attributes to all `<img>` and `<svg>` elements.
  - Ensure CSS aspect-ratio is set if dimensions are dynamic.

3C. Strengthen Content-Security-Policy (CSP) `Security`

- **Impact:** XSS defense-in-depth
- **Problem:** CSP is present but weak: missing `default-src` and `object-src 'none'`, relying only on `frame-ancestors`.
- **Solution:** Since this is a brochure site (no auth/payments), a strict CSP is lower priority, but fixing the syntax is good hygiene:

```
Content-Security-Policy: default-src 'self'; object-src 'none'; frame-ancestors 'self';
```

3D. Add HSTS preload directive `Security`

- **Impact:** Transport security
- **Problem:** HSTS header is present but lacks the `preload` directive required for browser preload lists.
- **Solution:** Update the HSTS header to include `preload`:

```
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
```

3E. Fix structured data and tap targets `SEO`

- **Impact:** Search visibility, Mobile usability
- **Problem:** PSI failing audits for `structuredData` and `tapTargets`; W3C reports 2 errors on hidden input autocomplete.
- **Solution:** Validate JSON-LD with Google's Rich Results Test. Increase touch target sizes to 44×44 px. Remove `autocomplete` from hidden inputs.

3F. Strengthen Content Security Policy and Cross-Origin Headers `Security`

- **Impact:** XSS defense, Context isolation
- **Problem:** CSP is missing `default-src` and `object-src 'none'`; COOP and CORP headers are missing. Site signals show no auth or payments, so risk is lower.
- **Solution:**
  - Add `default-src 'self'` to CSP.
  - Add `object-src 'none'` to CSP.
  - Set `Cross-Origin-Opener-Policy: same-origin`.
  - Set `Cross-Origin-Resource-Policy: same-origin`.

3G. Remove Server Header Disclosure `Best Practices`

- **Impact:** Information leakage
- **Problem:** Response header `Server: Apache` reveals the web server technology stack.
- **Solution:**
  - Configure the web server (Apache) to suppress the Server header.
  - Add `Header unset Server` in `.htaccess` or server config.

3H. Add HSTS preload and remove server disclosure `Security`

- **Impact:** Transport security, Info disclosure
- **Problem:** HSTS lacks `preload` directive; `Server: Apache` header discloses technology stack.
- **Solution:**
  - Update HSTS header: `max-age=63072000; includeSubDomains; preload`.
  - Configure server to suppress `Server` header (e.g., `ServerTokens Prod` in Apache).