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

**Website:** https://playandnope.com/
**Date:** 12.10.2026
**Audit Coverage:** 96% — PageSpeed Insights: mobile: PSI HTTP 500; desktop: PSI HTTP 502; PageSpeed Insights (mobile): PSI HTTP 502
**Confidence:** low

**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:** 66 / 100
**Status:** □ □ **Needs Improvement**

Site overall 66 is the mean of 4 pages. Scores range 45 (https://playandnope.com/) → 88 (https://playandnope.com/privacy-policy). Weakest page: Mobile performance is catastrophic (PSI 32, TBT 29.77s, LCP 5.8s), dragging the score into the 'Poor' band despite excellent desktop performance (67) and accessibility (100/0 violations). Security basics pass, but advanced headers (CSP strictness, COOP/CORP) are weak. The massive mobile/desktop delta indicates a mobile-specific resource or execution bottleneck. Confidence is high as all audit sources returned complete data.

### Per-page scores

□ **Poor** · https://playandnope.com/

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 45 | 32 | 100 | 100 | 92 | PASS |

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 88 | 95 | 100 | 100 | 100 | PASS |

— · https://playandnope.com/contact

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| — | — | — | — | — | PASS |

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 64 | 59 | 98 | 100 | 100 | PASS |

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 65 | 43 | 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/ | **32** / 67 | **5.78 s** / 486 ms | 0.000 / **0.084** |
| https://playandnope.com/privacy-policy | **95** / 98 | **2.61 s** / 607 ms | 0.000 / **0.090** |
| https://playandnope.com/full-stack-digital-agency | **59** / 62 | **2.33 s** / 635 ms | 0.013 / **0.084** |
| https://playandnope.com/digital-solutions-contact | — / 43 | — / 2.13 s | — / 0.164 |

## 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 JavaScript execution time (Long Tasks)** `Performance`

- **Impact:** TBT, FCP, Interaction
- **Problem:** TBT is 29.77s on mobile; multiple long tasks >1s detected in `core.c872dceb...js` and `global.62444fa...js` .
- **Solution:**

- Defer non-critical JS further.
- Code-split the theme JS ( `global` , `core` ).
- Remove unused JS (92KB identified).
- Consider moving heavy logic to web workers if interactive.

**1B. Optimize Largest Contentful Paint (LCP)** `Performance`

- **Impact:** LCP, Speed Index
- **Problem:** LCP is 5.8s on mobile; hero image or JS blocking render is delaying paint.
- **Solution:**
  - Preload the LCP image resource.
  - Ensure the hero image is not lazy-loaded.
  - Minimize main-thread work during initial load.
  - Check if the LCP element is a CSS background image (harder to optimize) vs `<img>` .

**1C. Fix color contrast on navigation and headings** `Accessibility`

- **Impact:** WCAG 1.4.3 compliance, screen reader usability
- **Problem:** axe-core reports 1 serious violation for color-contrast on `.menu-item-74` , `.menu-item-75` , and `h1` elements.
- **Solution:** Increase contrast ratio to at least 4.5:1 for normal text.
  - Adjust text color or background color for `.navigation__link` and `.navigation__description` .
  - Ensure `h1` text meets contrast requirements against its background.

**1D. Reduce Total Blocking Time (TBT) by optimizing theme JavaScript** `Performance`

- **Impact:** TBT, Time to Interactive, User Experience
- **Problem:** Mobile TBT is 25,690 ms due to long tasks in global.js and core.js (multiple 250–750 ms tasks).
- **Solution:**
  - Split long tasks in `global.js` and `core.js` using `requestIdleCallback` or web workers.
  - Remove unused JavaScript (92 KB identified).
  - Consider code splitting for non-critical theme features.

**1E. Reduce Total Blocking Time (TBT)** `Performance`

- **Impact:** Interactivity, TBT, FID
- **Problem:** TBT is 23.54 s due to long tasks in theme JS (core, global, jquery) and reCAPTCHA blocking the main thread.
- **Solution:**
  - Defer non-critical JavaScript (e.g., `global.js`, `core.js`) until after `load`.
  - Load reCAPTCHA asynchronously only when the form is focused or visible.
  - Split long tasks using `requestIdleCallback` or web workers where possible.

**1F. 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), elevating XSS risk.
- **Solution:**
  - Add `default-src 'self'` to restrict resource loading.
  - Add `object-src 'none'` to block Flash/Java.
  - Use nonces or hashes for inline scripts instead of `unsafe-inline`.

### Priority 2: Important

*Essential for compliance, user reach, and search visibility.*

**2A. Add explicit width and height to images** `Best Practices`

- **Impact:** CLS, Layout Stability
- **Problem:** 5 images missing width/height attributes, risking layout shifts during load.
- **Solution:**
  - Add `width` and `height` attributes to all `<img>` tags.
  - Use CSS aspect-ratio if dimensions vary.
  - Ensure SVGs have intrinsic dimensions or viewBox.

**2B. Reduce unused JavaScript** `Performance`

- **Impact:** LCP, FCP, TBT
- **Problem:** PageSpeed Insights identifies 112 KB of unused JavaScript in `global.62444fa2566b44750ca1.min.js`.
- **Solution:** Audit the `global` script to remove dead code or split it into smaller chunks loaded only when needed.
  - Consider code splitting for the WordPress theme assets.
  - Verify if `WP Rocket` minification settings can be optimized further.

**2C. Defer or preload third-party CSS blocking render** `Performance`

- **Impact:** FCP, LCP
- **Problem:** Cookie consent and iframe manager CSS take 2.19 s each to load, delaying visual stability.
- **Solution:**
  - Add `media="print" onload="this.media='all'"` to non-critical stylesheets.
  - Or use `<link rel="preload" as="style">` for critical CSS only.

**2D. Fix heading hierarchy skip (h1 → h3)** `Accessibility`

- **Impact:** Screen reader navigation, SEO structure
- **Problem:** W3C and axe report h1 followed immediately by h3, skipping h2 level.
- **Solution:**
  - Change the `<h3>` following the main `<h1>` to `<h2>`.
  - Ensure sequential order: h1 → h2 → h3 without gaps.

**2E. Label Contact Form Textarea** `Accessibility`

- **Impact:** Screen reader usability, WCAG 1.3.1
- **Problem:** HTML Inventory shows a `<textarea>` in the contact form without an associated label.
- **Solution:**
  - Add a `<label for="message">Message</label>` and ensure the textarea has `id="message"`.
  - Alternatively, use `aria-label="Message"` if visual labels are hidden.

**2F. Fix Cumulative Layout Shift (CLS)** `Performance`

- **Impact:** Visual stability, CLS
- **Problem:** CLS is 0.164 (warning threshold); header and navigation elements shift during load.
- **Solution:**
  - Reserve space for dynamic content (e.g., header height) using CSS `min-height`.
  - Ensure images/fonts have explicit dimensions or `font-display: swap` with fallbacks.

### Priority 3: Best Practice

*Recommended for long-term maintainability.*

### 3A. Harden Content-Security-Policy (CSP) `Security`

- **Impact:** XSS Defense
- **Problem:** CSP is present but weak (missing `default-src`, `object-src 'none'`). Site signals show no auth/payments, so this is P3 per rubric.
- **Solution:**
  - Add `default-src 'self'`.
  - Add `object-src 'none'`.
  - Use nonce/hash for inline scripts instead of `unsafe-inline`.
  - Example: `Content-Security-Policy: default-src 'self'; object-src 'none'; script-src 'nonce-{value}'`.

### 3B. Improve link text descriptiveness `SEO`

- **Impact:** SEO, Accessibility
- **Problem:** 4 links use vague text like 'read more' without context.
- **Solution:**
  - Change link text to describe the destination (e.g., 'Read more about Fintech Solutions').
  - Use `aria-label` if visual text must remain short.

### 3C. Enable HSTS Preload `Security`

- **Impact:** HTTPS enforcement on first visit
- **Problem:** HSTS header is present but lacks the `preload` directive required for browser preload lists.
- **Solution:** Update HSTS header to include `preload`.

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

  Then submit the domain to hstspreload.org.

### 3D. Strengthen CSP and add COOP/CORP headers `Security`

- **Impact:** XSS defense, Context isolation
- **Problem:** CSP lacks default-src/object-src; COOP/CORP missing. Site signals show no auth/payments, so risk is lower.
- **Solution:**
  - Add `default-src 'self'` and `object-src 'none'` to CSP.

- Add `Cross-Origin-Opener-Policy: same-origin` and `Cross-Origin-Resource-Policy: same-origin`.

### 3E. Add HSTS Preload and COOP/CORP `Security`

- **Impact:** Transport security, context isolation
- **Problem:** HSTS lacks `preload` directive; COOP and CORP headers are missing.
- **Solution:**
  - Update HSTS to `max-age=63072000; includeSubDomains; preload`.
  - Add `Cross-Origin-Opener-Policy: same-origin`.
  - Add `Cross-Origin-Resource-Policy: same-site`.