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

Website: https://playandnope.com/
Date: 08.10.2026
Audit Coverage: 98% — PageSpeed Insights (desktop): PSI HTTP 500; PageSpeed Insights (desktop): PSI HTTP 502
Confidence: medium

Pages Audited (5 of 5):

- https://playandnope.com/
- https://playandnope.com/privacy-policy
- https://playandnope.com/contact
- https://playandnope.com/design-service
- https://playandnope.com/digiagentuur-klientide-tagasiside

Summary of results

Overall Score: 75 / 100
Status: □ □ **Needs Improvement**

Site overall 75 is the mean of 5 pages. Scores range 56 (https://playandnope.com/contact) → 89 (https://playandnope.com/design-service). Weakest page: Performance is catastrophic with PSI Mobile 32, LCP 12.3 s, and TBT 23,980 ms, dragging the score into the 'Poor' band despite a Security basics PASS. Accessibility is mostly sound (Lighthouse 98) but has moderate axe violations (heading order, landmarks). The site handles user-generated content (textarea), elevating CSP weakness to a Priority 1 security concern per the rubric. Desktop PSI failed (502), reducing confidence, but mobile data confirms severe rendering delays. W3C validation shows 7 errors including invalid script tags.

Per-page scores

□ **Needs Improvement** · https://playandnope.com/

Score	Performance	Accessibility	Best Practices	SEO	Security
72	65	100	100	85	PASS

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

Score	Performance	Accessibility	Best Practices	SEO	Security
84	93	98	100	92	PASS

 Poor · https://playandnope.com/contact

Score	Performance	Accessibility	Best Practices	SEO	Security
56	32	98	92	92	PASS

 Needs Improvement · https://playandnope.com/design-service

Score	Performance	Accessibility	Best Practices	SEO	Security
89	96	98	100	92	PASS

 Needs Improvement · https://playandnope.com/digiagentuur-klientide-tagasiside

Score	Performance	Accessibility	Best Practices	SEO	Security
75	79	100	100	92	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/	65 / —	1.99 s / —	0.000 / —
https://playandnope.com/privacy-policy	**93** / 97	**2.95 s** / 545 ms	0.000 / **0.098**
https://playandnope.com/contact	32 / —	12.27 s / —	0.107 / —
https://playandnope.com/design-service	96 / **94**	**2.12 s** / 618 ms	0.000 / **0.117**
https://playandnope.com/digiagentuur-klientide-tagasiside	**79** / 95	**4.19 s** / 545 ms	**0.130** / 0.129

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 (18 SVGs, 12 placeholders excluded).
Hero image eagerly loaded	N/A	No raster elements found (18 SVGs, 12 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 (18 SVGs, 12 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) and Long Tasks `Performance`

- **Impact:** Interactivity, TBT, Time to Interactive
- **Problem:** TBT is 16,710 ms with multiple long tasks >100 ms in global.js and jquery.min.js, causing the page to feel frozen despite a 2.0 s LCP.
- **Solution:**

- Defer non-critical JavaScript execution.
- Split `global.js` and `jquery` bundles to reduce main-thread work.
- Use `requestIdleCallback` or web workers for heavy calculations.
- Audit third-party scripts (e.g., iframemanager, cookieconsent) for blocking behavior.

1B. Fix color contrast on navigation descriptions `Accessibility`

- **Impact:** WCAG 1.4.3 compliance, screen reader usability
- **Problem:** axe-core reports 1 serious violation: `.menu-item-630 > .navigation__description` and similar nodes fail contrast thresholds.
- **Solution:** Increase text color luminance or darken background to achieve ≥4.5:1 contrast ratio. Verify with a contrast checker tool before deploying.

1C. Reduce JavaScript execution time and blocking `Performance`

- **Impact:** TBT, LCP, FCP
- **Problem:** TBT is 23,980 ms and LCP is 12.3 s; 1.15 MB of scripts including 175 KB wasted reCAPTCHA JS and multiple long tasks in theme JS.
- **Solution:**
  - Defer non-critical scripts (e.g., analytics, chat widgets) until after interaction.
  - Split theme JS bundles; remove unused code.
  - Load reCAPTCHA only on form interaction, not page load:

```
const form = document.querySelector('form');
form.addEventListener('focus', () => {
  const script = document.createElement('script');
  script.src = 'https://www.google.com/recaptcha/api.js';
  document.body.appendChild(script);
}, { once: true });
```

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

- **Impact:** XSS protection for stored content
- **Problem:** CSP is present but weak (missing default-src, object-src 'none'); site has user-generated content (textarea), making XSS a Priority 1 risk per rubric.
- **Solution:**
  - Add `default-src 'self'` and `object-src 'none'`.
  - Use nonces for inline scripts:

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

```
script-src 'nonce-{random}' 'strict-dynamic';
```

  - Ensure all inline scripts have the matching nonce attribute.

1E. Optimize image delivery to reduce payload `Performance`

- **Impact:** Page weight, LCP, Data usage
- **Problem:** Browser runtime reports 4.03 MB of images; PSI estimates 2,725 KiB savings. Inventory tool missed raster images (likely CSS/JS loaded), but weight is real.
- **Solution:**
  - Convert raster images to WebP/AVIF.
  - Implement responsive `srcset`.
  - Use `<picture>` for art direction.
  - Ensure hero images are preloaded or critical.

1F. Remove unused JavaScript `Performance`

- **Impact:** TBT, FCP, Execution time
- **Problem:** 111 KB of unused JS in `global.62444fa2566b44750ca1.min.js` contributes to 105 ms long tasks.
- **Solution:**
  - Audit `global.js` for unused functions.
  - Split code by route if using a bundler.
  - Remove legacy jQuery if modern themes support vanilla JS.

1G. Reduce LCP from 4.2 s to under 2.5 s `Performance`

- **Impact:** Core Web Vitals, Mobile Performance Score
- **Problem:** LCP is 4.2 s on mobile despite 41 ms TTFB and 268 KB total weight; PSI flags 112 KB unused JS and layout shift sources.
- **Solution:**
  - Defer or inline critical CSS.
  - Reduce unused JavaScript (112 KB identified).
  - Ensure hero content (likely text or SVG) is not delayed by layout shifts (CLS 0.13).
  - Preload critical fonts if they block rendering.

1H. Fix color contrast on navigation description `Accessibility`

- **Impact:** WCAG 1.4.3 Compliance

- **Problem:** axe-core reports 1 serious violation on `.menu-item-75 > .navigation__description` for insufficient contrast.
- **Solution:**
  - Increase text color contrast ratio to at least 4.5:1 against the background.
  - Verify contrast on all interactive states (hover, focus).

Priority 2: Important

Essential for compliance, user reach, and search visibility.

2A. Fix Scrollable Region Focus Trap `Accessibility`

- **Impact:** WCAG 2.1.1, Keyboard Navigation
- **Problem:** Serious axe violation: `.gallery-slider__rail-inner` is a scrollable region without keyboard access.
- **Solution:**
  - Ensure the slider container has `tabindex="0"`.
  - Implement keyboard event listeners (ArrowLeft/Right) to navigate slides.
  - Add `role="region"` and `aria-label` to the slider container.

2B. Correct Invalid Script Tags in HTML `Best Practices`

- **Impact:** W3C Validation, Browser Parsing
- **Problem:** W3C reports 6 errors, including `<script type="text/plain">` elements incorrectly using `src` and `async` attributes.
- **Solution:**
  - Remove `src` and `async` from `<script>` elements with `type="text/plain"` (these are data blocks).
  - Use `<template>` tags for data blocks instead of `<script>` if not executing JS.
  - Fix duplicate `class` and `rel` attributes found on line 751.

2C. Reduce unused JavaScript to improve LCP `Performance`

- **Impact:** LCP, FCP, TBT
- **Problem:** PSI identifies 112 KB of unused JavaScript in `global.62444fa2566b44750ca1.min.js` contributing to LCP 3.0 s on mobile.
- **Solution:** Code-split the theme JS or remove unused functions. Consider deferring non-critical scripts further or using `modulepreload` for critical paths.

2D. Add HSTS preload directive `Security`

- **Impact:** Transport security, browser enforcement
- **Problem:** HSTS header is present (`max-age=31536000`) but missing the `preload` directive required for inclusion in browser preload lists.
- **Solution:** Update server config to include `preload` :

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

  Then submit to hstspreload.org.

2E. Correct heading hierarchy (h1 to h3 skip) `SEO`

- **Impact:** Screen reader navigation, SEO structure
- **Problem:** W3C and axe-core flag a heading skip: h1 'Privacy Policy' is followed immediately by h3, skipping h2.
- **Solution:** Insert an h2 element between the h1 and h3 sections, or change the h3s to h2s if they represent top-level sections under the privacy policy title.

2F. Fix heading hierarchy and form labels `Accessibility`

- **Impact:** Screen reader navigation, WCAG 1.3.1, 3.3.2
- **Problem:** Heading skips from h1 to h3; textarea and hidden inputs lack labels; header landmark is missing.
- **Solution:**
  - Insert an h2 between h1 and h3 or change h3 to h2.
  - Add `<label for="id">` to all form inputs, including hidden ones (use visually hidden CSS if needed).
  - Wrap the logo area in `<header role="banner">` .

2G. Correct W3C script tag errors `Best Practices`

- **Impact:** HTML validity, potential parsing issues
- **Problem:** 7 W3C errors including script elements with `type="text/plain"` that incorrectly have `src` and `async` attributes.
- **Solution:**
  - Remove `src` and `async` from data-block script tags:

```
<!-- Incorrect -->
<script type="text/plain" src="..." async>...</script>
<!-- Correct -->
<script type="text/plain">...</script>
```

2H. Fix heading hierarchy (h1 to h3 skip) `Accessibility`

- **Impact:** Screen reader navigation, SEO structure
- **Problem:** W3C and axe-core flag h1 → h3 skip after 'Design & Innovation'.
- **Solution:**
  - Change the `<h3>` following the `<h1>` to `<h2>`.
  - Ensure outline is sequential (h1, h2, h3...).

2I. Strengthen Content-Security-Policy `Security`

- **Impact:** XSS defense-in-depth
- **Problem:** CSP is present but weak (missing `default-src`, `object-src 'none'`).
- **Solution:**
  - Add `default-src 'self'`.
  - Add `object-src 'none'`.
  - Use nonces for inline scripts if needed.

2J. Correct HTML validation errors and language tag `SEO`

- **Impact:** SEO, Accessibility, Code Quality
- **Problem:** W3C reports 7 errors including `lang="en"` on Estonian content, duplicate `rel` attributes, and invalid script `type` attributes.
- **Solution:**
  - Change `<html lang="en">` to `<html lang="et">`.
  - Remove `src` and `async` from `<script type="text/plain">` blocks.
  - Remove duplicate `rel` attributes on anchor tags.

Priority 3: Best Practice

Recommended for long-term maintainability.

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

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is present but weak: missing `default-src` and `object-src 'none'`. Site signals indicate no auth/payments, so this is P3.
- **Solution:**
  - Add `default-src 'self'` to restrict resource loading.
  - Add `object-src 'none'` to block Flash/Plugins.
  - Consider `script-src 'nonce-{random}' 'strict-dynamic'` if inline scripts are needed.

3B. Add Explicit Dimensions to Images `Performance`

- **Impact:** CLS, Layout Stability
- **Problem:** 12 images lack width/height attributes, risking layout shifts even though current CLS is 0.000.
- **Solution:**
  - Add `width` and `height` attributes to all `<img>` tags.
  - Use CSS `aspect-ratio` if dimensions vary dynamically.
  - Ensure SVGs have intrinsic dimensions or viewBox attributes.

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

- **Impact:** XSS defense-in-depth
- **Problem:** CSP is present but weak: missing `default-src` and `object-src 'none'`. Site signals indicate no auth/payments, so risk is lower.
- **Solution:** Add `default-src 'self'` and `object-src 'none'` to the CSP header. Since this is a brochure site, a strict allowlist is less critical than on an app, but improves hygiene.

3D. Add Cross-Origin headers and hide server version `Security`

- **Impact:** Context isolation, info disclosure
- **Problem:** COOP and CORP headers are missing; Server header discloses 'Apache'.
- **Solution:**
  - Add `Cross-Origin-Opener-Policy: same-origin` and `Cross-Origin-Resource-Policy: same-origin`.
  - Configure server to remove or mask the `Server` header.

3E. Add COOP and CORP headers `Security`

- **Impact:** Browsing context isolation
- **Problem:** Cross-Origin-Opener-Policy and Cross-Origin-Resource-Policy are missing.
- **Solution:**
  - Set `Cross-Origin-Opener-Policy: same-origin`.
  - Set `Cross-Origin-Resource-Policy: same-origin`.