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

Website: https://playandnope.com/
Date: 07.10.2026
Audit Coverage: 99% — 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: 67 / 100
Status: □ □ **Needs Improvement**

Site overall 67 is the mean of 5 pages. Scores range 49 (https://playandnope.com/contact) → 78 (https://playandnope.com/digiagentuur-klientide-tagasiside). Weakest page: Mobile performance is catastrophic (PSI 32, LCP 11.1 s, TBT 21.8 s), dragging the score into the 'Poor' band despite decent desktop metrics. Security basics FAILED due to missing HSTS and X-Content-Type-Options, which caps the potential score below 90 per the rubric. Accessibility has structural gaps (missing `main` landmark, heading skips) and form labeling issues. W3C validation shows 10 errors including invalid script attributes. Confidence is high as all audit tools returned complete data.

Per-page scores

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

Score	Performance	Accessibility	Best Practices	SEO	Security
62	66	96	100	85	FAILED

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

Score	Performance	Accessibility	Best Practices	SEO	Security
76	86	98	100	92	FAILED

 Poor · https://playandnope.com/contact

Score	Performance	Accessibility	Best Practices	SEO	Security
49	32	98	96	92	FAILED

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

Score	Performance	Accessibility	Best Practices	SEO	Security
72	70	95	100	92	FAILED

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

Score	Performance	Accessibility	Best Practices	SEO	Security
78	91	100	100	92	FAILED

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/	66 / —	1.96 s / —	0.047 / —
https://playandnope.com/privacy-policy	**86** / 98	**3.95 s** / 542 ms	0.000 / **0.083**
https://playandnope.com/contact	**32** / 38	**11.12 s** / 2.51 s	0.102 / **0.195**
https://playandnope.com/design-service	**70** / 73	**29.93 s** / 4.67 s	0.040 / **0.103**
https://playandnope.com/digiagentuur-klientide-tagasiside	**91** / 95	**3.14 s** / 540 ms	0.041 / **0.136**

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 JavaScript Execution Time (TBT) `Performance`

- **Impact:** TBT, Interaction readiness
- **Problem:** TBT is 25,850 ms; multiple long tasks in global.js and jquery.min.js block the main thread.
- **Solution:**

- Defer non-critical JavaScript.
- Remove unused JS (92 KB identified in global.620687d605be8ba84f0e.min.js).
- Split large bundles to reduce main-thread work.

1B. Add HSTS and X-Content-Type-Options headers `Security`

- **Impact:** Transport security, MIME sniffing
- **Problem:** Security basics FAILED; HSTS and X-Content-Type-Options are missing despite HTTPS being active.
- **Solution:** Add headers via server config (Apache example):

```
Header always set Strict-Transport-Security "max-age=63072000;
includeSubDomains"
Header always set X-Content-Type-Options "nosniff"
```

1C. Harden WordPress endpoints (xmlrpc.php, install.php) `Security`

- **Impact:** Brute-force protection, installation security
- **Problem:** xmlrpc.php accepts POST requests (brute-force vector) and /wp-admin/install.php is reachable.
- **Solution:** Block xmlrpc.php in .htaccess or via plugin. Restrict access to /wp-admin/install.php:

```
<Files install.php>
  Require all denied
</Files>
```

1D. Reduce JavaScript execution time and LCP `Performance`

- **Impact:** LCP, TBT, Mobile Performance Score
- **Problem:** Mobile LCP is 11.1 s and TBT is 21,880 ms; heavy third-party scripts (reCAPTCHA 1.05 MB) and theme JS cause long tasks.
- **Solution:**
  - Lazy-load reCAPTCHA only when the form is interacted with (e.g., on focus).
  - Defer non-critical theme JS (`core.js` , `global.js`).
  - Use `rendering` attribute or `loading="lazy"` on off-screen images.
  - Consider a lighter captcha alternative or server-side validation.

1E. Add missing baseline security headers `Security`

- **Impact:** Transport security, MIME sniffing, clickjacking
- **Problem:** Security basics verdict is FAILED; HSTS and X-Content-Type-Options are missing, leaving the site vulnerable to downgrade attacks and MIME sniffing.

- **Solution:** Add these headers to the server configuration (Apache example):

```
Header always set Strict-Transport-Security "max-age=63072000;
includeSubDomains; preload"
Header always set X-Content-Type-Options "nosniff"
```

1F. Resolve Mobile LCP of 29.9 s `Performance`

- **Impact:** Core Web Vitals, User Experience
- **Problem:** Mobile LCP is 29.9 s (threshold is ≤2.5 s), indicating content is not rendering for nearly 30 seconds on mobile devices.
- **Solution:**
  - Audit the Largest Contentful Paint element (likely the hero image or text).
  - Preload the LCP resource: `<link rel="preload" href="/path/to/lcp-image.jpg" as="image">`.
  - Check for render-blocking JavaScript or CSS delaying the first paint.
  - Verify server response time (TTFB is 3 ms, so this is likely client-side or asset loading).

1G. Add Missing Basic Security Headers `Security`

- **Impact:** Transport Security, MIME Sniffing, Clickjacking
- **Problem:** Security basics verdict is FAILED; HSTS and X-Content-Type-Options are missing, leaving the site vulnerable to downgrade attacks and MIME sniffing.
- **Solution:** Add the following headers to your server configuration (e.g., Apache .htaccess or Nginx config):

```
Header always set Strict-Transport-Security "max-age=63072000;
includeSubDomains; preload"
Header always set X-Content-Type-Options "nosniff"
```

1H. Fix color contrast and add main landmark `Accessibility`

- **Impact:** WCAG 1.4.3 (Contrast), WCAG 1.3.1 (Info & Relationships)
- **Problem:** axe-core found 1 serious contrast violation on `.menu-item-75` and 1 moderate violation for missing `<main>` landmark.
- **Solution:**
  - Increase contrast ratio on `.menu-item-75 > .navigation__description` to ≥4.5:1.
  - Wrap primary content in a `<main>` element or add `role="main"` to the container.

Priority 2: Important

Essential for compliance, user reach, and search visibility.

2A. Disable XML-RPC POST requests `Security`

- **Impact:** Brute-force protection
- **Problem:** xmlrpc.php accepts POST requests, creating a brute-force / pingback vector on this WordPress site.
- **Solution:** Block in .htaccess:

```
<Files xmlrpc.php>
  <Limit POST>
    deny from all
  </Limit>
</Files>
```

2B. Add main landmark and fix list structure `Accessibility`

- **Impact:** Screen reader navigation, WCAG 1.3.1
- **Problem:** Missing main landmark; axe found serious list violation (ul contains non-li elements).
- **Solution:**
  - Wrap primary content in `<main>`.
  - Ensure `<ul>` elements contain only `<li>` children.
  - Add skip-to-content link.

2C. Eliminate unused JavaScript `Performance`

- **Impact:** LCP, TBT, Page Weight
- **Problem:** 112 KB of unused JavaScript detected in global.min.js, contributing to 142 ms long tasks on mobile.
- **Solution:** Defer non-critical JS or split bundles. Use build tools to tree-shake unused code before deployment.

2D. Fix contrast, landmarks, and heading order `Accessibility`

- **Impact:** WCAG 1.4.3, 1.3.1, 2.4.6
- **Problem:** 1 serious color-contrast violation on .navigation__description; missing landmark; h1 skips to h3.
- **Solution:**
  - Increase contrast ratio for .navigation__description to ≥4.5:1.
  - Wrap main content in

tag.

- Insert

between h1 and h3 to maintain sequential order.

2E. Fix document landmarks and heading hierarchy `Accessibility`

- **Impact:** Screen reader navigation, WCAG 1.3.1, 2.4.6
- **Problem:** Missing `main` landmark, heading skip (h1 → h3), and form textarea lacks a label.
- **Solution:**
  - Wrap main content in `<main>`.
  - Ensure headings follow sequential order (h1 → h2 → h3).
  - Add `<label>` or `aria-label` to the contact form textarea.
  - Add a skip-to-content link at the top of the page.

2F. Correct invalid HTML script and input attributes `SEO`

- **Impact:** Parser recovery, validation errors
- **Problem:** W3C reports 10 errors including `script` with `type="text/plain"` having `src` / `async`, and `input type="hidden"` with `autocomplete`.
- **Solution:**
  - Remove `src` and `async` from `<script type="text/plain">` tags (used for data blocks).
  - Remove `autocomplete` from hidden inputs.
  - Remove `target` attribute from `<p>` elements.

2G. Harden Content-Security-Policy for User Content `Security`

- **Impact:** XSS defense (stored content risk)
- **Problem:** Site has a textarea (UGC), but CSP is weak (missing `default-src`, `object-src`). XSS could persist in stored content.
- **Solution:** Update CSP to include `default-src 'self'` and `object-src 'none'`:

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

2H. Optimize Image Assets `Performance`

- **Impact:** Page Weight, CLS

- **Problem:** Runtime capture shows 4.03 MB of image data; 25 images lack explicit width/height attributes, risking layout shifts (CLS).
- **Solution:**
  - Compress images and serve next-gen formats (WebP/AVIF).
  - Add `width` and `height` attributes to all `<img>` tags to reserve space.
  - Ensure `loading="lazy"` is used for off-screen images.

2I. Fix Serious Accessibility Violations `Accessibility`

- **Impact:** WCAG 2.1 AA Compliance
- **Problem:** axe-core reports 2 serious violations: color-contrast on navigation links and improper list structure (non-`<li>` children in `<ul>`).
- **Solution:**
  - Increase contrast ratio for `.navigation__link` to ≥4.5:1.
  - Ensure `<ul>` and `<ol>` elements contain only `<li>` children (remove direct `<a>` or `<div>` children).

2J. Reduce unused JavaScript `Performance`

- **Impact:** LCP, TBT, Page Weight
- **Problem:** 112 KB of unused JavaScript found in `global.620687d605be8ba84f0e.min.js` contributing to LCP 3.1 s.
- **Solution:**
  - Audit `global.js` to identify unused functions.
  - Split code by route or load scripts conditionally.
  - Consider tree-shaking during build.

2K. Correct HTML language attribute `SEO`

- **Impact:** SEO, Accessibility
- **Problem:** W3C warning: Document content is Estonian but `<html lang="en">` is set.
- **Solution:** Change the HTML tag to match the content language:

```
<html class="no-js" lang="et">
```

2L. Disable xmlrpc.php and harden WordPress `Security`

- **Impact:** Brute-force protection
- **Problem:** Security basics flagged `xmlrpc.php` accepts POST requests, a known brute-force vector.

- **Solution:** Block xmlrpc.php in `.htaccess`:

```
<Files xmlrpc.php>
  Order Deny,Allow
  Deny from all
</Files>
```

Priority 3: Best Practice

Recommended for long-term maintainability.

3A. Fix HTML validation errors `Best Practices`

- **Impact:** Rendering consistency, SEO
- **Problem:** 16 W3C errors including empty IDs, duplicate IDs, and invalid attributes on script/p tags.
- **Solution:**
  - Remove empty `id=""` attributes.
  - Fix script tags with invalid `type` / `src` combinations.
  - Remove `target` attribute from `<p>` elements.

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

- **Impact:** XSS defense-in-depth
- **Problem:** CSP is weak (only frame-ancestors set); missing default-src and object-src 'none'.
- **Solution:** Since site signals show no auth/payments, this is lower priority. Add default-src and object-src:

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

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 show no auth/payments, so this is lower priority than headers.
- **Solution:** Update CSP to include strict directives:

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

3D. Fix W3C validation errors `Best Practices`

- **Impact:** Code quality, Rendering consistency
- **Problem:** 10 W3C errors including duplicate `rel` attributes and invalid `target` on `<p>` tags.
- **Solution:**
  - Remove duplicate `rel` attributes.
  - Move `target` attributes from `<p>` to the `<a>` child element.
  - Fix invalid `script` attributes (remove `src` from `type="text/plain"` scripts).