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

**Website:** https://playandnope.com/
**Date:** 07.10.2026
**Audit Coverage:** 98% — 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:** 63 / 100
**Status:** □ □ **Needs Improvement**

Site overall 63 is the mean of 5 pages. Scores range 52 (https://playandnope.com/contact) → 76 (https://playandnope.com/privacy-policy). Weakest page: Performance is catastrophic with a PSI mobile score of 34, LCP of 11.8 s, and TBT of 17.69 s, driven by heavy third-party scripts (reCAPTCHA) and unoptimized theme JS. Security basics FAILED due to missing HSTS and X-Content-Type-Options headers, which caps the overall score below 90 per the rubric. Accessibility is moderate with 4 violations including missing main landmarks and heading order skips, though no critical/serious issues were found. HTML validation shows 10 errors, and image dimensions are missing on all 5 images. Confidence is medium because the Desktop PSI strategy errored (502), relying on duplicated mobile data.

### Per-page scores

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 62 | 65 | 96 | 100 | 85 | FAILED |

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 76 | 95 | 98 | 100 | 92 | FAILED |

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 52 | 34 | 98 | 96 | 92 | FAILED |

 **Poor** · https://playandnope.com/design-service

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 55 | 65 | 95 | 100 | 92 | FAILED |

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

| Score | Performance | Accessibility | Best Practices | SEO | Security |
|---|---|---|---|---|---|
| 72 | 74 | 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/ | 65 / — | 1.81 s / — | 0.033 / — |
| https://playandnope.com/privacy-policy | **95** / 98 | **2.33 s** / 575 ms | **0.087** / 0.083 |
| https://playandnope.com/contact | 34 / — | 11.78 s / — | 0.082 / — |

| URL | Performance (M / D) | LCP (M / D) | CLS (M / D) |
|---|---|---|---|
| https://playandnope.com/design-service | **65** / 74 | **28.74 s** / 696 ms | 0.040 / **1.099** |
| https://playandnope.com/digiagentuur-klientide-tagasiside | **74** / 97 | **6.97 s** / 649 ms | 0.040 / **0.108** |

## 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) by splitting long tasks** `Performance`

- **Impact:** Interactivity, TBT, Time to Interactive
- **Problem:** TBT is 26,910 ms (score 0.00) caused by long tasks in global.js (847 ms) and core.js (590 ms).
- **Solution:**
  - Split `global.js` and `core.js` into smaller chunks.
  - Use `requestIdleCallback` or `setTimeout` to break up long tasks.
  - Defer non-critical JavaScript execution until after main thread is idle.
  - Audit third-party scripts (e.g., iframemanager, cookieconsent) for blocking behavior.

**1B. Reduce TBT and LCP by deferring non-critical scripts** `Performance`

- **Impact:** LCP, TBT, FCP, Total Blocking Time
- **Problem:** LCP is 11.8 s and TBT is 17.69 s; reCAPTCHA (1.43 MB) and theme JS cause long tasks and render delays.
- **Solution:**
  1. Load reCAPTCHA only on user interaction (e.g., focus on form) or defer it.
  2. Defer non-critical theme JS ( `global` , `core` ) using `defer` or `type="module"` .
  3. Remove unused JS identified in PSI (175 KB wasted per recaptcha instance).

**1C. Fix Mobile Largest Contentful Paint (LCP)** `Performance`

- **Impact:** LCP, Mobile Performance Score
- **Problem:** Mobile LCP is 28.7s (threshold is 2.5s), causing a severe performance penalty and poor user experience on mobile devices.
- **Solution:** Identify the LCP element (likely the hero image or text) and optimize its loading:
  - Preload the LCP image resource.
  - Ensure the image is served in next-gen formats (WebP/AVIF).
  - Reduce server response time (TTFB is 3ms, so focus on resource delivery).
  - Check for render-blocking resources delaying the LCP element.

### 1D. Add Missing Basic Security Headers `Security`

- **Impact:** Transport Security, MIME Sniffing Protection
- **Problem:** Security basics verdict is FAILED. HSTS and X-Content-Type-Options headers are missing, leaving the site vulnerable to downgrade attacks and MIME sniffing.
- **Solution:** Configure the web server to send these headers on all responses:

```
Strict-Transport-Security: max-age=63072000; includeSubDomains;
preload
X-Content-Type-Options: nosniff
```

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

- **Impact:** Mobile Core Web Vitals, User Experience
- **Problem:** Mobile LCP is 7.0 s (heavy penalty), driven by 112 KB unused JS and long tasks, despite TTFB being 3 ms.
- **Solution:**
  - Defer non-critical JavaScript (e.g., `global.min.js`).
  - Preload critical fonts and hero content.
  - Ensure CSS is inlined or critical CSS is extracted.
  - Audit WordPress caching (WP Rocket) to ensure mobile assets are optimized.

### 1F. Add missing basic security headers (HSTS, X-Content-Type-Options) `Security`

- **Impact:** Transport security, MIME sniffing protection
- **Problem:** Security basics verdict FAILED; HSTS and X-Content-Type-Options headers are missing from HTTP response.
- **Solution:** Add to server configuration (Apache example):

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

## Priority 2: Important

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

### 2A. Add missing baseline security headers (HSTS, X-Content-Type-Options) `Security`

- **Impact:** Transport security, MIME sniffing protection

- **Problem:** Security basics verdict FAILED: Strict-Transport-Security and X-Content-Type-Options headers are missing.
- **Solution:** Add to server configuration (Apache example):

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

**2B. Fix serious list structure and landmark issues** `Accessibility`

- **Impact:** Screen reader navigation, WCAG 1.3.1
- **Problem:** axe-core found 1 serious violation: `<ul>` contains non-`<li>` elements. Document also lacks a `<main>` landmark.
- **Solution:**
  - Ensure `<ul>` and `<ol>` only contain `<li>` elements directly.
  - Wrap primary content in `<main>` tag.
  - Add `role="main"` if semantic `<main>` cannot be used.
  - Ensure landmarks (nav, header, footer) have unique labels.

**2C. Resolve W3C HTML validation errors** `SEO`

- **Impact:** Crawlability, rendering consistency
- **Problem:** 16 errors found including empty IDs ( `id=""` ), duplicate IDs, and invalid `target` attribute on `<p>` elements.
- **Solution:**
  - Remove empty `id` attributes or assign unique values.
  - Fix duplicate IDs (e.g., accordion items).
  - Move `target` attribute from `<p>` to the `<a>` link inside it.
  - Remove `async` from `<script>` tags with `type="text/plain"` .

**2D. Add missing basic security headers (HSTS, X-Content-Type-Options)** `Security`

- **Impact:** Transport security, MIME sniffing protection
- **Problem:** Security Basics verdict is FAILED; HSTS and X-Content-Type-Options headers are missing despite HTTPS being active.
- **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"
```

```
Header always set X-Content-Type-Options "nosniff"
```

**2E. Fix color contrast on headings and links** `Accessibility`

- **Impact:** WCAG 1.4.3 Compliance
- **Problem:** axe-core reports 1 serious violation for color-contrast on h1, email links, and button text.
- **Solution:** Increase contrast ratio to at least 4.5:1 for normal text. Adjust CSS for `.lead-text`, `h1`, and link colors to meet WCAG AA standards.

**2F. Correct heading hierarchy and HTML validation errors** `SEO`

- **Impact:** Screen reader navigation, SEO structure
- **Problem:** W3C reports 8 errors including h1 skipping to h3, and invalid `target` attributes on `<p>` tags.
- **Solution:**

1. Ensure headings follow sequential order (h1 → h2 → h3). 2. Remove `target` attribute from `<p>` tags (move to `<a>`). 3. Fix script tags with `type="text/plain"` that incorrectly use `src` or `async`.

**2G. Add main landmark and skip-to-content link** `Accessibility`

- **Impact:** Keyboard navigation, Screen reader efficiency
- **Problem:** axe-core reports missing `main` landmark and no skip-to-content link.
- **Solution:** Wrap primary content in `<main>` tag. Add a skip link at the top of the page:

```
<a href="#main-content" class="skip-link">Skip to content</a>
<div id="main-content">...</div>
```

**2H. 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 despite HTTPS being active.
- **Solution:** Add the following headers to the server response:

```
Strict-Transport-Security: max-age=63072000; includeSubDomains;
preload
X-Content-Type-Options: nosniff
```

**2I. Fix document landmarks and heading hierarchy** `Accessibility`

- **Impact:** Screen reader navigation, WCAG 1.3.1, 2.4.1

- **Problem:** Missing `<main>` landmark, heading skips from h1 to h3, and multiple region violations.
- **Solution:**
  1. Wrap primary content in `<main>`.
  2. Ensure headings follow sequential order (h1 → h2 → h3).
  3. Add `role="main"` if semantic HTML is not used.
  4. Add a skip-to-content link at the top of the page.

**2J. Strengthen Content-Security-Policy (CSP)** `Security`

- **Impact:** XSS defense, data exfiltration
- **Problem:** CSP is weak (only `frame-ancestors` set); site has user-generated content (textarea) which increases XSS risk.
- **Solution:** Implement a strict CSP with `default-src` and `object-src 'none'`:

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

  Use nonces for inline scripts if necessary.

**2K. Fix List Structure Violations** `Accessibility`

- **Impact:** WCAG 1.3.1 Info and Relationships
- **Problem:** axe-core reports a serious violation: `<ul>` and `<ol>` elements contain non-`<li>` children (likely links or divs inside the list).
- **Solution:** Ensure list elements only contain `<li>` items directly. Move any links or content inside the `<li>` tags:

  ```
  <ul>
    <li><a href="...">Link</a></li>
    <li><a href="...">Link</a></li>
  </ul>
  ```

**2L. Resolve HTML Validation Errors** `SEO`

- **Impact:** Code Quality, Potential Rendering Issues
- **Problem:** W3C validator reports 12 errors including duplicate `rel` attributes, invalid `target` on `<p>` tags, and incorrect `srcset` syntax.
- **Solution:** Review the HTML source and fix specific errors:
  - Remove duplicate `rel` attributes.
  - Move `target` attributes from `<p>` tags to the `<a>` tags inside them.
  - Fix `srcset` syntax to include width descriptors (e.g., `image.jpg 100w`).

- Remove `async` from `<script>` tags with `type="text/plain"`.

**2M. Fix color contrast and add main landmark** `Accessibility`

- **Impact:** WCAG 1.4.3, 1.3.1
- **Problem:** axe-core reports 1 serious violation on `.menu-item-75` contrast and missing `main` landmark.
- **Solution:**
  - Increase contrast ratio on `.menu-item-75` text to ≥4.5:1.
  - Wrap primary content in `<main>` element.
  - Ensure navigation has unique `aria-label` if multiple navs exist.

**2N. Disable WordPress xmlrpc.php POST requests** `Security`

- **Impact:** Brute-force protection, Server load
- **Problem:** Security basics warn that `xmlrpc.php` accepts POST requests, exposing a known WordPress brute-force vector.
- **Solution:** Block via `.htaccess` or plugin:

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

### Priority 3: Best Practice

*Recommended for long-term maintainability.*

**3A. Add explicit width and height to all images** `Performance`

- **Impact:** CLS (Cumulative Layout Shift)
- **Problem:** 30 images lack width/height attributes, risking layout shifts even though current CLS is low (0.033).
- **Solution:**
  - Add `width` and `height` attributes to all `<img>` tags.
  - Use CSS `aspect-ratio` if dimensions vary dynamically.
  - Ensure SVGs have `viewBox` and explicit dimensions in CSS.

**3B. Reduce unused JavaScript** `Performance`

- **Impact:** Page weight, TBT

- **Problem:** PSI identifies 112 KB of unused JavaScript in `global.620687d605be8ba84f0e.min.js`.
- **Solution:** Audit the `global` script to remove code not used on the privacy policy page. Consider code splitting or loading scripts conditionally.

**3C. Fix HTML validation errors and image dimensions** `SEO`

- **Impact:** Crawlability, CLS, W3C compliance
- **Problem:** 10 W3C errors (invalid `target` on `p`, script type issues) and 5 images missing width/height attributes.
- **Solution:**
  1. Remove `target` attribute from `<p>` tags.
  2. Fix script `type` attributes (remove `text/plain` with `src`).
  3. Add `width` and `height` attributes to all `<img>` tags to reserve space.

**3D. Add Explicit Image Dimensions** `Performance`

- **Impact:** CLS (Cumulative Layout Shift)
- **Problem:** 25 images lack explicit width/height attributes. Field CLS is 1.099 (very poor), indicating layout shifts occur in real-world usage.
- **Solution:** Add `width` and `height` attributes to all `<img>` tags to reserve space before the image loads:

```
<img src="image.jpg" alt="..." width="800" height="600">
```

**3E. Correct HTML language attribute and W3C errors** `SEO`

- **Impact:** Search indexing, Screen reader language detection
- **Problem:** W3C reports 10 errors including `lang="en"` on an Estonian page, plus invalid `script` attributes and duplicate `rel`.
- **Solution:**
  - Change `<html lang="en">` to `<html lang="et">`.
  - Remove `async` from `<script type="text/plain">` blocks.
  - Remove duplicate `rel` attributes on anchor tags.