**[Anand Castle Hotel, Kashipur - Official Site](https://www.anandcastle.in/)**

**Identified Issues / Recommendations:**

**1. PHP 7.4 is Outdated**

* **📌 Issue: Official support for PHP 7.4 ended in November 2022.**
* **✅ Recommendation: Upgrade**

**2. jQuery v1.12.4 is Very Old**

* **📌 Issue: Released in 2016, this version has known vulnerabilities and is inefficient.**
* **✅ Recommendation: Update to a modern version of jQuery or replace with vanilla JS/modern frameworks (e.g., React or Vue).**

**3. Moment.js is Deprecated**

* **📌 Issue: Moment.js is no longer actively maintained.**
* **✅ Recommendation: Use alternatives like date-fns or Luxon.**

**4. Heavy Dependency on Third-Party Tools**

* **📌 Issue: Tools like Google Maps, reCAPTCHA, and Tawk.to increase dependency and may affect performance or privacy compliance.**
* **✅ Recommendation: Regularly audit and optimize these integrations, and ensure compliance with GDPR or local data protection laws.**

**5. No Core Web Vitals or Lighthouse Performance Audits Available**

* **📌 Issue: No visible data on page load speed, accessibility, SEO, or best practices.**
* **✅ Recommendation: Run a Lighthouse audit to evaluate and improve UX and performance.**

**6. Design/UI Considerations**

* **📌 Observation: Uses Bootstrap; while functional, UI may feel outdated.**
* **✅ Suggestion: Refresh design using modern UI frameworks (e.g., Tailwind CSS or Material UI) for improved UX.**

**Design Issues**

* **❌ Outdated Visual Design**
  + **The overall layout and styling feel dated; lacks modern design trends.**
* **❌ Non-uniform Fonts**
  + **Font styling is inconsistent across sections, impacting readability and branding.**
* **❌ Poor Mobile Responsiveness**
  + **Several sections (like image carousels and text blocks) overflow or are misaligned on mobile devices.**
* **❌ Overuse of Large Banners**
  + **Hero sliders take up too much screen space, especially on mobile.**
* **❌ Inconsistent Spacing**
  + **Uneven padding/margin in sections makes the layout feel cluttered.**
* **❌ Low-Resolution Images**
  + **Some images appear pixelated or stretched, reducing visual quality.**
* **❌ Basic Navigation**
  + **No sticky navbar, active link indicators, or animations for better UX.**
* **❌ Text Over Images**
  + **Some sections have white/light text over light backgrounds, reducing readability.**

**🚀 Performance Issues**

* **🕒 Slow Initial Load Time**
  + **Heavy assets like images and scripts slow down the first paint.**
* **🧱 Render-Blocking Resources**
  + **JavaScript and CSS files delay page rendering (can be optimized using async or defer).**
* **🧳 No Lazy Loading**
  + **Images load all at once; lazy loading can improve performance.**
* **📦 No Minified Assets**
  + **CSS and JS files aren't minified, increasing load size.**
* **🧮 No Browser Caching**
  + **Repeating visits re-download resources, which could be cached.**
* **🔍 No Lighthouse/Performance Optimization**
  + **Lacks metrics like LCP (Largest Contentful Paint), FID (First Input Delay), etc.**
* **📉 No CDN Usage**
  + **Static assets aren’t delivered via CDN, which could boost speed for global users.**
* **❌ No Image Optimization**
  + **PNG/JPEG images not optimized or converted to modern formats (WebP).**
* **🔧 Deprecated Libraries**
  + **Use of outdated libraries (like jQuery 1.12.4 and Moment.js) affects speed and maintainability.**