

Website Performance Report (Lighthouse Analysis)

Environment: Localhost

1. Performance: 70%

- **Key Observations:**

- Possible issues with large image sizes or unoptimized assets.
- JavaScript execution time may be high.
- Lack of proper caching strategies or resource prioritization.

- **Recommendations:**

- Optimize images by using next-gen formats (e.g., WebP) and compress assets.
 - Minimize JavaScript and reduce unused code.
 - Implement caching strategies and preload key resources.
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2. Accessibility: 84%

- **Key Observations:**

- Some interactive elements might lack proper labels.
- Color contrast might not meet WCAG standards on certain elements.

- **Recommendations:**

- Ensure all buttons and links have descriptive `aria-labels` or text.
 - Review and adjust color contrast ratios for better readability.
 - Test with screen readers to verify ease of navigation.
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3. Best Practices: 100%

- **Key Observations:**

- The website adheres to modern web standards and practices.
- No issues were found with security, performance, or responsiveness.

- **Recommendations:**

- Maintain the current level of adherence to best practices.
 - Regularly update dependencies to avoid vulnerabilities.
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4. SEO: 100%

- **Key Observations:**

- Proper metadata (e.g., title, description) and structured data are likely implemented.
- Issues with missing alt text or canonical tags could be impacting the score.

- **Recommendations:**

- Verify all images have descriptive `alt` attributes.
- Ensure a `robots.txt` file and sitemap are present.
- Optimize page titles and meta descriptions for key search terms.