# 📊 Page Speed & Optimization Report

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Date: [Insert Date Here]

## 1. Tools Used

- Google PageSpeed Insights  
- Device: Desktop and Mobile

## 2. Performance Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Metric | Desktop | Mobile | Rating |
| Performance Score | 82 | 69 | Average |
| First Contentful Paint | 1.5s | 2.8s | Good |
| Largest Contentful Paint | 2.6s | 3.9s | Moderate |
| Time to Interactive | 2.9s | 5.3s | Moderate |
| Cumulative Layout Shift | 0.05 | 0.10 | Excellent |

## 3. Key Findings

- ❌ Reduce Unused JavaScript (1,178 KiB)  
 ✅ Load scripts asynchronously or defer unused scripts.

- ❌ Serve images in next-gen formats  
 ✅ Use WebP or AVIF formats for faster loading.

- ❌ Avoid large layout shifts  
 ✅ Set width and height attributes for all media elements.

- ❌ Enable text compression  
 ✅ Use GZIP or Brotli compression on the server.

- ❌ Eliminate render-blocking resources  
 ✅ Optimize CSS and JavaScript delivery using async/defer.

## 4. Recommendations

Implementing the above optimizations will:  
- Improve mobile performance.  
- Reduce total page load time.  
- Enhance user experience and increase conversion rates.

## 5. External Reports

- Desktop: https://pagespeed.web.dev/analysis/https-leemotest-online/snblciqv77?form\_factor=desktop

- Mobile: https://pagespeed.web.dev/analysis/https-leemotest-online/b94vqvpjof?form\_factor=mobile

## 6. Conclusion

The website shows solid performance on desktop, but requires significant improvements for mobile responsiveness and interactivity. Following the detailed recommendations will result in a faster, more accessible, and user-friendly experience across all devices.