**Change all images to webP**

**Went from below performance:** 08/04/2024

mobile 54 Web 79 Together **133**

To

mobile 64 Web 94 Together **158**

**Change 25%**

When I **changed all images to webP**

**Installed aria code as per insights recommendation. Accessibility increased.**

**SEO section**

**Error:** Robots/txt is not valid:

Tried on 11/04/2024. No success. Retried.

**Fix:** Eventually purged and rebuilt cache on cloudfare pages.

**Change to percentages:** **no real change.**

**Lazy loading** 10/04/2024

Was at **Mobile 65 Web 90** together **155**

Have only lazy loaded the **portfolio** and **testimonial** sections:

Increased to: **Mobile 69 Web 97** together **166**

**Change 11%**

**Reduction of images size by 50% using** [**https://www.xconvert.com/compress-webp**](https://www.xconvert.com/compress-webp)

**I only did 6 images in the BG folder. Originals still present.**

Was at **Mobile 69 Web 97** together **166**

Increased to: **Mobile 76 Web 97** together **173**

**Change 7%**

**Negligible change, this was based on three reloads of pagespeed insights.**

**SEO section**

**Error** “links do not have descriptive texts”

**Fix:** changed title tags on “read more” link to:

<a href="level1-building-survey.html" **title**="Read more about the Level 1 House Survey">Read More</a>

Pre4load fonts (helps as LCP is Montserrat font)

Inserted the below code in the head section of index.html before the CSS

**<!--preloadFonts-->**

**<link rel="preload" href="https://fonts.googleapis.com/css2?family=Montserrat&family=Rubik&display=swap" as="style">**

**<link href="https://fonts.googleapis.com/css2?family=Montserrat&family=Rubik&display=swap" rel="stylesheet">**

From: **Mobile 76 Web 97** together **173**

**LCP was 3000ms**

**Maion thread work 2**

**R blocking 1.8ms**

**I THINK THERES AN API SOMEWHER FUCKING THINGS UP, CHECK LIGHTHOUSE**