**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>

**Removal of magnificPopup (backup made)**

Was at **Mobile 75 Web 94** together **170**

Increased to: **Mobile 77 Web 94** together **171**

**Negligible change**

**Addition of Font display=swap in css file (to change the google API fonts while loading)**

Was at **Mobile 75 Web 96** together **171**

Increased to: **Mobile 80 Web 97** together **177**

**Change ` 6**

**Removal of API for google maps on index page**

Was at **Mobile 76 Web 94** together **170**

Increased to: **Mobile 77 Web 94** together **171**

**Negligible change**

**Preload 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">

NOT WORKING. Temporarily boosted MOBP to 85

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

**LCP was 3ms**

**Maion thread work 2**

**R blocking 1.8ms**

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

Removal of **<link rel="stylesheet" href="plugins/fontawesome/css/all.css">** from line 40

Removal of **contact.js from footer**

Removal of **<link rel="stylesheet" href="plugins/animate-css/animate.css">** from line 43

Removal of **<link rel="stylesheet" href="plugins/slick-carousel/slick/slick-theme.css">** from line 42

Was at **Mobile 77 Web 94** together **171**

Increased to: **Mobile 80 Web 97** together **177**

**Change ` 6**