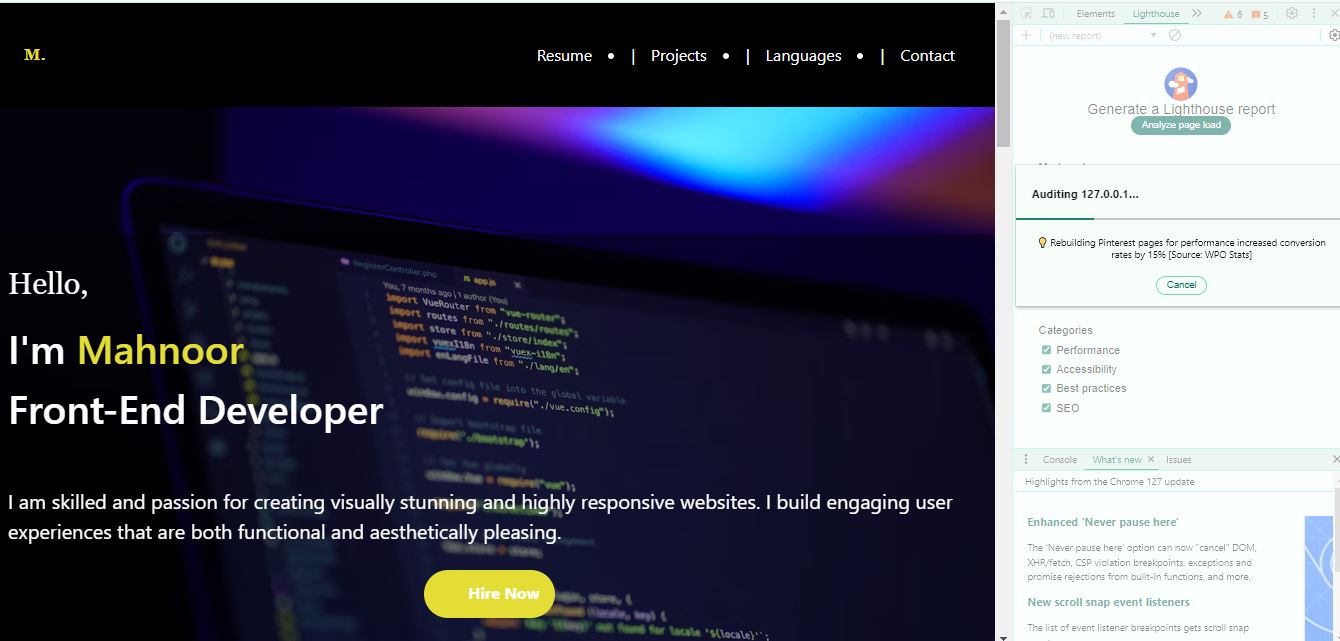
**Portfolio Website Analysis by Lighthouse**

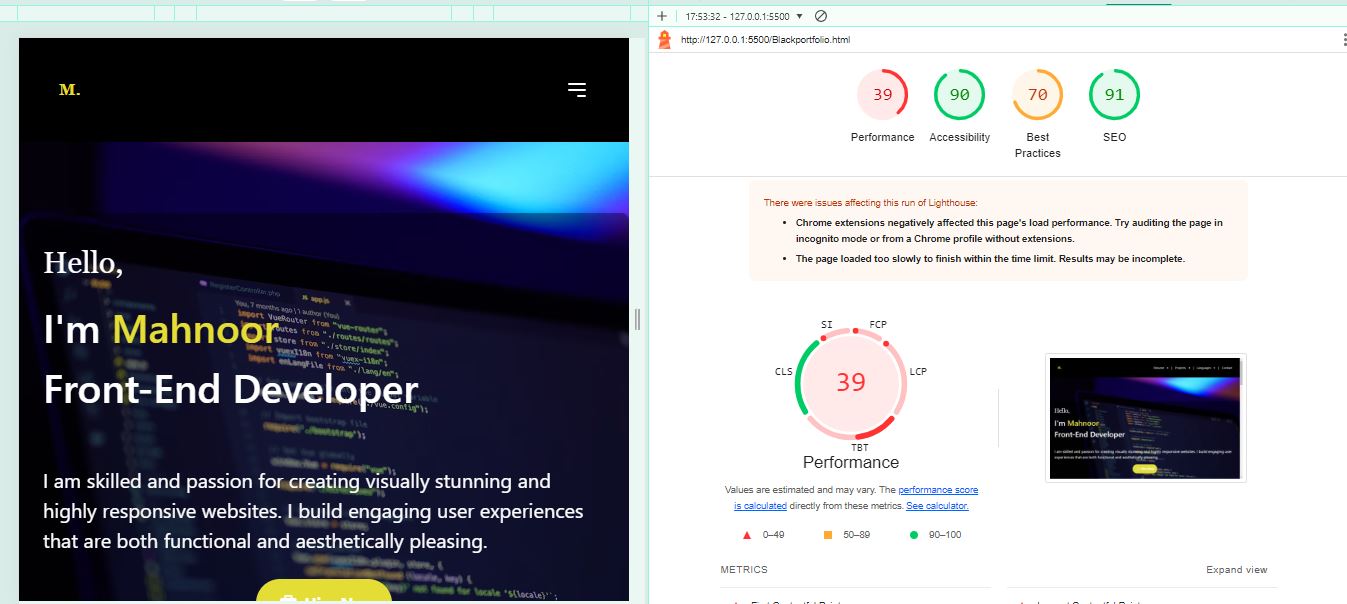
The links of projects are Dummy.

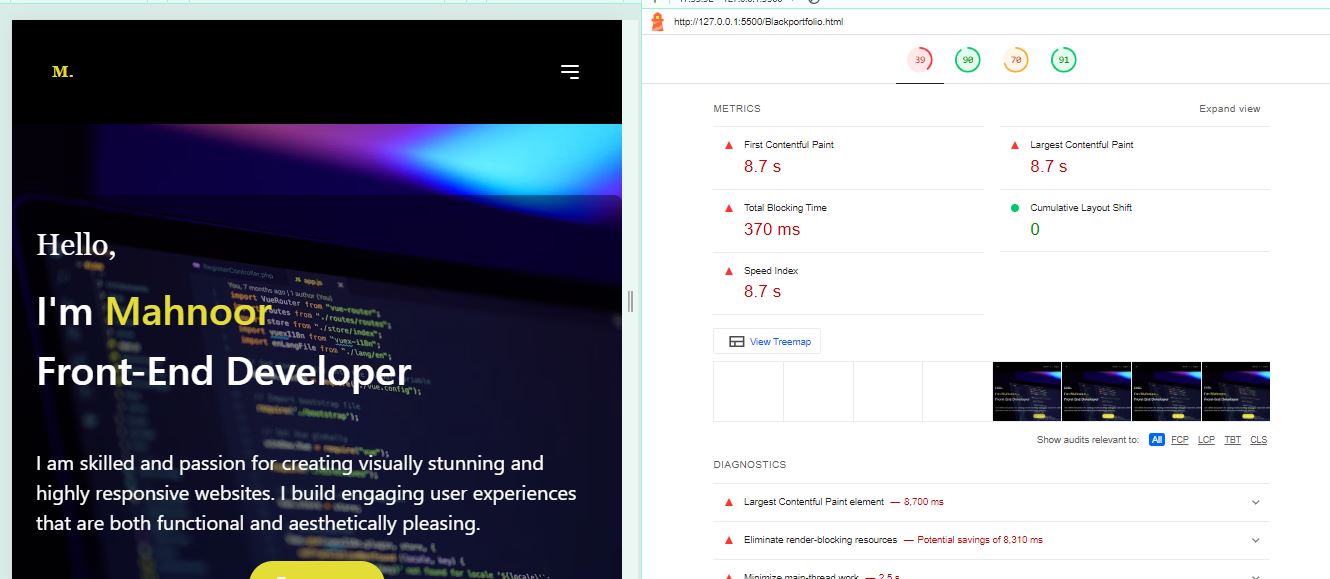
**Introduction:**

It’s a Responsive Portfolio Website using HTML and CSS . Using Lighthouse I have Checked its performance and all and making it more efficient by using some more coding techniques. BlackPortfolio.html is before and Index.html is after.

**Initial Analysis**







**Optimizing Steps**

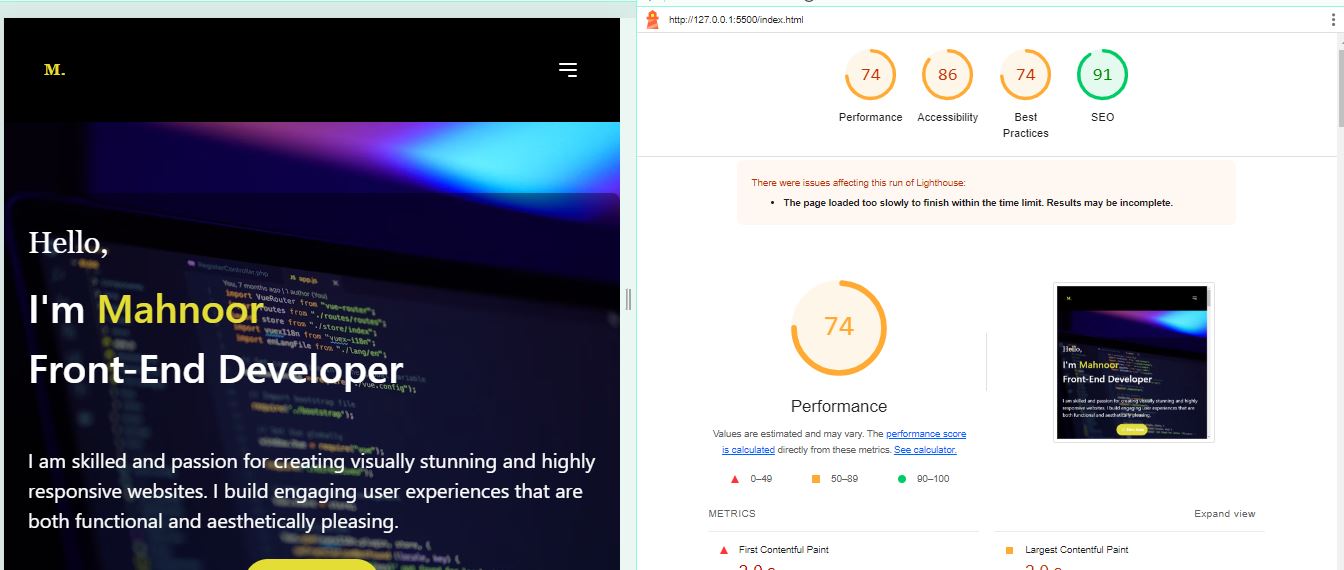
 **Lazy Loading Images**: Use the loading="lazy" attribute on your images to defer loading until they are about to be displayed.

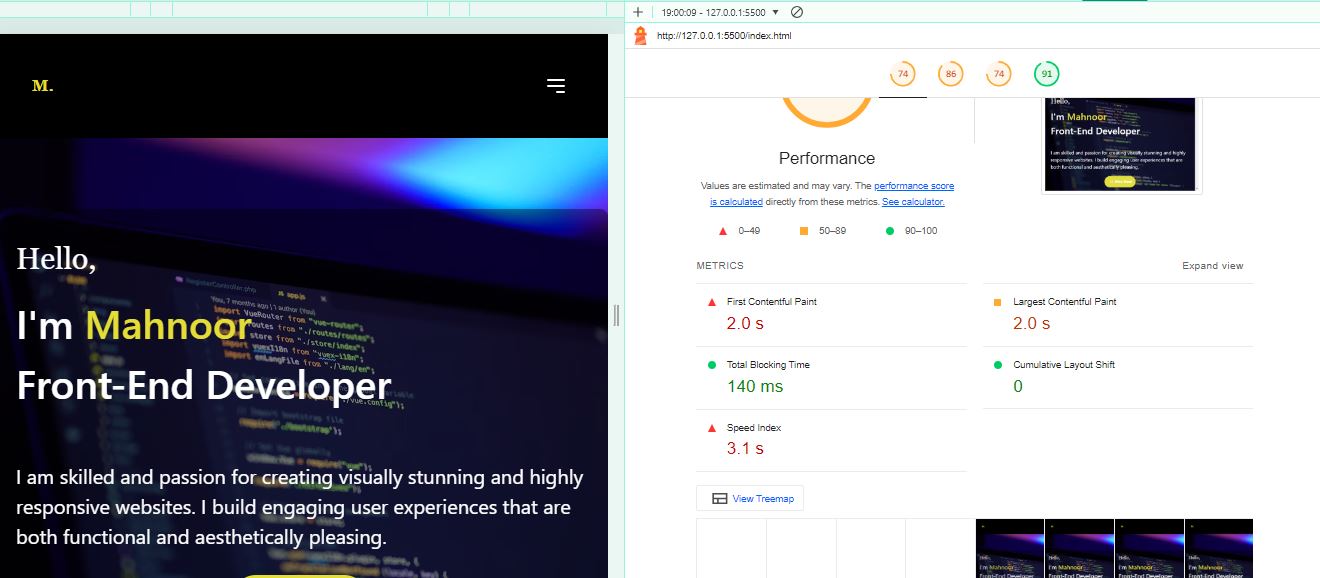
 **Defer Non-Critical JavaScript**: Use defer in your script tags to ensure that your JavaScript files load after the HTML has been parsed.

 **Optimize Animations**: Make sure animations are smooth and not blocking the main thread. Use requestAnimationFrame for any JavaScript-driven animations.

 **Minimize Main-Thread Work**: If you have heavy computations, consider moving them to web workers. However, for this example, we'll keep it simple and focus on lazy loading and deferred scripts.

**Final Analysis**

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**Conclusion**

**For Better optimization these steps were taken….**

 **Lazy Loading:** Added lazy loading for images to improve initial page load time.

 **Animations:** Included animations to make the page visually appealing.

 **Responsive Design:** Ensured the design is responsive with Tailwind CSS utilities.

 **Performance Optimization:** Implemented basic performance enhancements like avoiding inline styles for better maintainability.