**From the heatmaps the Microsoft clarity review and points of improvement were:**

User behaviors

* Users on desktop devices clicked on the

[Open source Contributor](https://clarity.microsoft.com/projects/view/kzfg0anz27/heatmaps?hash=4j82x00pk)

 and

[Competitive Programming](https://clarity.microsoft.com/projects/view/kzfg0anz27/heatmaps?hash=5uqj9cyy5)

 sections more than any other elements, indicating high interest in these topics.

* Users on desktop devices also clicked on the

[Web Development](https://clarity.microsoft.com/projects/view/kzfg0anz27/heatmaps?hash=3277tv4da)

 section and the

[overall percentage](https://clarity.microsoft.com/projects/view/kzfg0anz27/heatmaps?hash=2z6v59i9q)

 element, suggesting curiosity about the skills and achievements of the portfolio owner.

* Users on desktop devices scrolled down to the bottom of the page, but only one of them clicked on the

[Home](https://clarity.microsoft.com/projects/view/kzfg0anz27/heatmaps?hash=5yh2j24s7)

 or

[Contact](https://clarity.microsoft.com/projects/view/kzfg0anz27/heatmaps?hash=244l7otmb)

 links in the navigation bar, implying low engagement with these options.

Key takeaways

* To showcase the portfolio owner's open source and competitive programming projects, the website could use more visual and interactive elements, such as images, videos, or links to the code or live demos.
* To optimize the web development section, the website could provide more details and examples of the technologies and frameworks used, as well as the challenges and solutions encountered.
* To increase the chances of users contacting the portfolio owner, the website could make the contact information more prominent and accessible, such as adding a call-to-action button, a contact form, or social media icons.