# Accessibility Conformance Test Report 2

**Page evaluated:** all web pages of my profile site

**Evaluator: Hrithik Chandra**

## Results of the conformance test:

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| --- | --- | --- | --- | --- |
| **Error type** | **Give one or two examples (images of the relevant part of the screen can be useful)** | **Why is this considered to be an issue?** | **What should be done?** | **What level of conformance does it break?** |
| Alerts – Justified Text  (in Technical Interests pages) | <!-- Interest 1 -->  <div class="project-card">  <img src="project1.jpg" alt="ai-ml">            <h3 class="project-title">AI & Machine Learning</h3>            <p class="project-details" style="text-align: justify;"> Passionate about exploring machine learning algorithms and applying them to real-world problems, particularly in predictive analytics and natural language processing.</p>  </div> | Large blocks of justified text can negatively impact readability due to varying word/letter spacing and 'rivers of white' or empty spaces that flow through the text. | Remove the full justification from the text.  Or change the text alignment left aligned or center aligned. | N/A |

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## Summary of the conformance test

The conformance test conducted on my portfolio site was done by examining various aspects of its accessibility and usability with the help of the WAVE evaluation tool. I focussed on correcting the form labelling, link functionality, text alignment, and heading structure, as these were the main errors and alert types from the previous conformance test.

The test identified multiple accessibility issues, which include orphaned form labels, empty links without descriptive text, and skipped heading levels. A common issue was the absence of proper associations between <label> elements and their corresponding form controls. This impacts users who rely on assistive technologies like keyboard navigation and screen readers, as labels are necessary for screen readers to announce the purpose of form fields correctly.

Additionally, empty social media links lacked descriptive text, making them unclear to users who cannot see the icons. Also, skipped heading levels could cause navigation difficulties for screen reader users. Most of these issues broke the WCAG Level A conformance rules.

I resolved the errors by adding descriptive texts for social media links, while keeping it hidden from visible viewers, as well as text-alignment, heading level and proper form labelling.

Overall, after 2 conformance tests, my portfolio website has minimal accessibility and usability barriers, and thus conforms to the WCAG level AA of conformity. The website can still be improved upon further with better visibility by changing certain content styles like font size, font colour font style and more, or changes to the css code. This can improve the experience of users with disabilities and allow them to smoothly navigate the website and understand the contents.