

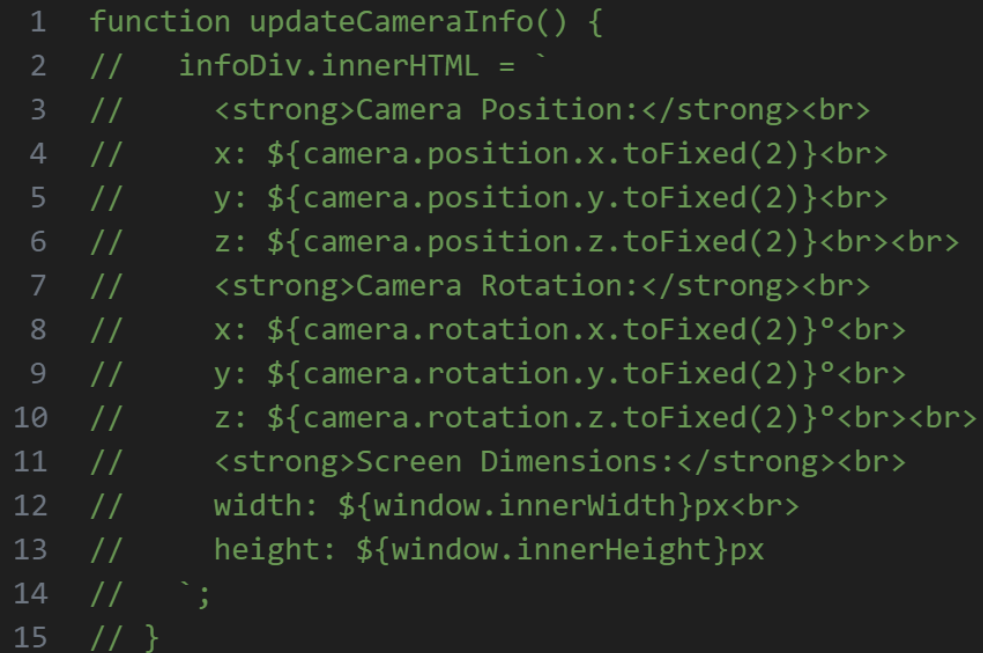
Portfolio code prompts

Being fully honest, the entire main.js was done with AI. I repeatedly needed to have that thing get modified as too many things were not working right. I was battling with the iframe where I repeatedly pasted the full code and going “did not work, this and that happened”. So the way I cheated it was thinking on giving up entirely to the iframe struggling to find the correct rotation of the objects and just place the iframe right in the center. I positioned the camera and angle to eyeball the monitor and laptop to be in the center.

“How to display iframe in center of screen” And also “how to make adjustments to the iframes” so then I can cheat it give it an illusion that it is being placed right at the monitor screen in the scene

```
1 // For the monitor (displays home.html)
2 function createMonitorHTML() {
3   const iframe = document.createElement('iframe');
4   iframe.src = 'home.html'; // Adjust URL as needed
5   const styles = getResponsiveStyles(1150, 670, 466, 960);
6   iframe.style.width = styles.width;
7   iframe.style.height = styles.height;
8   iframe.style.position = 'absolute';
9   iframe.style.border = 'none';
10  iframe.style.zIndex = '1000';
11  iframe.style.pointerEvents = 'auto';
12  iframe.style.backgroundColor = 'white'; // For debugging (optional)
13  iframe.style.top = styles.top;
14  iframe.style.left = styles.left;
15  iframe.style.transform = 'translate(-50%, -50%)';
16  iframe.style.opacity = '1';
17  document.body.appendChild(iframe);
18  return iframe;
19 }
20
21 // For the laptop (displays about.html)
22 function createLaptopHTML() {
23   const iframe = document.createElement('iframe');
24   iframe.src = 'about.html'; // Adjust URL as needed
25   const styles = getResponsiveStyles(1105, 642, 365, 970);
26   iframe.style.width = styles.width;
27   iframe.style.height = styles.height;
28   iframe.style.position = 'absolute';
29   iframe.style.border = 'none';
30   iframe.style.zIndex = '1000';
31   iframe.style.pointerEvents = 'auto';
32   iframe.style.backgroundColor = 'white'; // For debugging (optional)
33   iframe.style.top = styles.top;
34   iframe.style.left = styles.left;
35   iframe.style.transform = 'translate(-50%, -50%)';
36   iframe.style.opacity = '1';
37   document.body.appendChild(iframe);
38   return iframe;
39 }
```

To get the right camera angles and rotations for the monitor screen and laptop when gsap helps hover the camera when one is clicked: “Display dive with measurements on the position and height of camera” and then testing something for all screens with “display the width and height of the view screen of index”



```
1 function updateCameraInfo() {  
2 //   infoDiv.innerHTML = `  
3 //     <strong>Camera Position:</strong><br>  
4 //     x: ${camera.position.x.toFixed(2)}<br>  
5 //     y: ${camera.position.y.toFixed(2)}<br>  
6 //     z: ${camera.position.z.toFixed(2)}<br><br>  
7 //     <strong>Camera Rotation:</strong><br>  
8 //     x: ${camera.rotation.x.toFixed(2)}°<br>  
9 //     y: ${camera.rotation.y.toFixed(2)}°<br>  
10 //     z: ${camera.rotation.z.toFixed(2)}°<br><br>  
11 //     <strong>Screen Dimensions:</strong><br>  
12 //     width: ${window.innerWidth}px<br>  
13 //     height: ${window.innerHeight}px  
14 //   `;  
15 // }
```

When it comes to orbitcontrols and gsap and other imported features, the prompts are a mess.