

## **Project Goals**

The primary goal of this project is to design a personal portfolio website that effectively showcases my skills, experiences, and projects. This site serves as an interactive resume, displaying my competencies in programming, web development, and project management, as well as my involvement in esports. I aim to create a clean, visually appealing, and responsive design that highlights my strengths in software development and gaming industry knowledge, targeting potential collaborators, employers, and clients interested in commissioned work.

## **Anticipated Challenges and Solutions**

One challenge I anticipate is ensuring the Timeline section aligns correctly across different screen sizes. Getting the individual timeline items to display on alternating sides of the timeline and ensuring they remain responsive on smaller screens can be tricky. I plan to address this by testing different CSS layout techniques, to ensure the timeline items maintain alignment without disrupting the flow of content on mobile devices. Adjusting padding, margin, and layout properties for smaller screens will help keep the timeline readable and aesthetically pleasing.

Another challenge involves adding animations to various elements—particularly the fade-in effects on section boxes. While I've been able to set up the structure for these animations, sometimes CSS animations sometimes don't behave as expected, especially with timing and smoothness. To overcome this, I'll experiment with adjusting `@keyframes` to ensure smooth transitions.