Libraries

Introduction

For the research question 'How can I make my portfolio personal to me?' I looked into potential libraries that I could use. With libraries I could enhance the user experience and user interaction of my portfolio. I wanted to look into libraries that would enhance the visual experience when you are scrolling. I looked at three different libraries that you can see below.
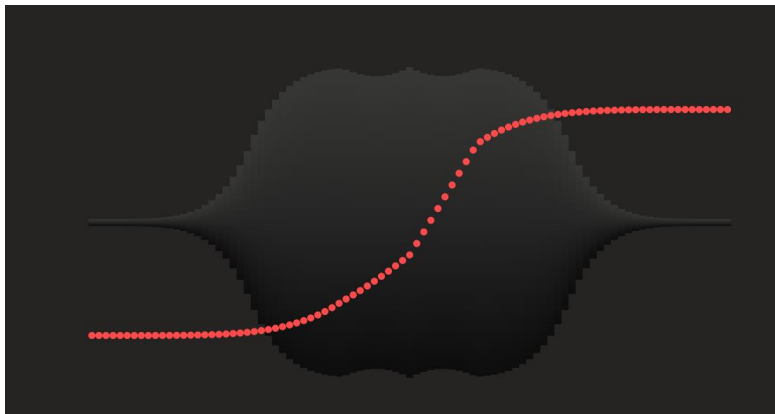
Animate On Scroll

I first looked at Animate on Scroll (AOS). This is a JavaScript library that adds animations on you webpages when you scroll down and up. You can have something fade in on the page from all directions, flip something to show it and zoom an item to show it. This can all be done in a speed which you can set yourself (Sajnóg, n.d.). The library is very easy to use, lightweight and can be set up within a few minutes (Maurya, 2023). The library also works on phone, tablet and desktop.

I personally like the library a lot, since it doesn't user other dependencies. This makes it very easy to add to the website at any point. I also like that the animations happen when you scroll down and just stay there. They don't disappear when the elements are not in view anymore.

Anime.js

For the next library I looked at Anime.js (Garnier, n.d.). This is a library that has a built-in staggering system, that can make creating ripples, directional movements, follow-through and overlapping effect appear simple (Priya, 2023).

I looked at an example of how it can be used when scrolling. What I noticed when testing this is that you have to scroll a lot for the effect to happen (Bullington, n.d.). This could be because of the example, but I also noticed that it is a big library that can do a lot more than what I need it to do.

Animate.css

Lastly I looked at Animate.css. Animate.css is a library of ready-to-use, cross-browser animations for use in your web projects. Great for emphasis, home pages, sliders, and attention-guiding hints. (Eden, n.d.).

You use the library mostly in CSS. You don't need to use a lot of JavaScript to get the library to work. The library works by adding animations to a class instead of a div.

Conclusion

I'm going to use the Animate On Scroll library. This is because I don't want to make it too difficult for myself to add a library, so I don't want to add a too big library. Also I'm better at JavaScript than CSS, this means that AOS works better for me than Animate.CSS. I also just want to emphasize the scrolling on the page, so you're not distracted by all the things going on in my portfolio.

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