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This interactive portfolio website was designed as an updated version of my official, professional portfolio website. That means that I plan to host this website on the public internet long-term for professional use. I will link it in job applications. I will link it to my resume. This means that it must be a beautiful and professional piece of work, putting my best foot forward for potential employers.

The website contains three main pages: “about me,” “projects,” and “experience.” The about me page contains a brief description of who I am and what my education and skills are. The focal point of the site is the main page (“projects”), where I demonstrate various projects I have participated in and am proud of. Each project has a description and a thumbnail which may be clicked to reveal a higher-detail photo or video.

The site uses SCSS to elegantly maintain the styles of all three pages in a compact manner within a single file. One additional SCSS file—a partial—is used to store common variables. CSS animations and transitions are employed in various places. For example, the icons and arrow on the main splash on the projects page react upon mouse hover. The same is true for the various thumbnails on the project page. An additional easter egg has been placed on the about me page, where the mascot of scratch.mit.edu appears upon mouse hover over the site’s link.

TypeScript is used to store the site’s basic scripting in a single file. TypeScript-based animations allow for the components of the main splash screen on the project page to fade in slowly, creating an elegant effect. The `setTimeout` function is used for this purpose. Additionally, TypeScript is used to implement a visual flare in the navigation bar, which gains additional borders once the user begins to scroll down the page. Finally, TypeScript was used to implement an easter egg on the project page, where the “See my resume” button has been coded to flee from the user’s mouse pointer. This behavior was challenging to implement, as I had to figure out the proper JavaScript methods related to mouse and element positioning; however, it worked out in the end.

Overall, I am proud of my interactive portfolio website in its current state. It is minimalistic and elegant—as I enjoy my websites—avoiding cluttering the screen. It is responsive and contrasty. Citations are included in `citation.txt`, and referenced in the code. I look forward to building more websites in the future.