

portfol.io

Why

In today's increasingly competitive job market, a strong online resume is often the differentiating factor between being offered the job of your dreams and being overlooked within a recruiter's mountain of resumes. A personal website allows for invaluable flexibility in thoroughly detailing a growing professional's most meaningful experiences, as well as enhancing these accomplishments with descriptive visuals. However, not all users who might benefit from an aesthetically appealing online portfolio have the programming skills necessary to construct one, while those who do may lack the time or the eye for design.

General

For these reasons, we hope to build Portfol.io, a simple, interactive, and user-intuitive online portfolio generation platform that services professionals in building the most effective showcase of their past projects, experiences, and skills.

Core Functionality

The platform allows users to input a medley of information that describes their past accomplishments and converts this data into a visually appealing, recruiter friendly format. Each registered user on the site owns a publicly available profile that displays their formal online resume for any interested viewer to explore. Registered users can utilize an intuitive profile edit page to update and modify their public facing profiles. Profiles offer information formatted into the following optional categories: Bio, Education, Projects, Work Experiences, Research, Skills, Awards, and Contact.

Perhaps most vital for an online portfolio, Projects allow users to create large page elements containing photos of their work, descriptions of the project purposes, and links to codebases or demos. Projects, due to their often collaborative nature, will allow users to link other portfol.io users with whom they have worked on the project, creating a shared page element that updates across all users' portfolios as any edits are made to the item.

With so much information regarding each user all centralized on this site, recruiters will have the additional opportunity to search for portfol.io users who offer certain skills of interest, have had specific work experiences, have had certain education backgrounds, and more. An example would be a recruiter at Uber searching for students involved in CMU's PhD programs, have advanced skills in Machine Learning or Computer Vision, and can develop in Python or C++.

Technologies

For our platform's backend, we plan to utilize the Django framework given the experience we have built with the resource throughout this course. For our platform's frontend, we plan to utilize React and Bootstrap given the industry prevalence of React and past familiarity with Bootstrap. Furthermore, we plan to launch this service on an AWS EC2 instance due to our familiarity with the resource following HW7.