

Helpful Front-End Development

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CSS 497: Project Abstract

Prior to completion of my CSSE degree at the University of Washington Bothell, I took an internship with a young startup company in Seattle called Helpful Human. Helpful Human is an interactive development and consulting agency that specializes in the web application industry. During the course of my eight-month internship, I worked on a large health-care consultant's upcoming service, which consisted of implementing an interface that allowed direct communication between patients and providers, among other various attributes. In order to have this web application maintain persistence and reliability across all major web browsers and operating systems, we chose to build the templates using HTML and CSS. Then, to create the functionality using JavaScript. The functional solution we decided that would meet the client's needs the most was using the popular JavaScript framework, AngularJS. We determined to structure our project using the Model View Controller (MVC) architecture so that scalability and maintainability would not be an issue as time progressed throughout the implementation phase. Throughout my internship at Helpful Human, I was given the opportunity to play a major part in the implementation of an integral piece of software in the medical industry. While gaining first-hand experience in an area of software development completely new to me, I learned about debugging web software, modularizing web components, software repository tracking, time estimation, responsive web design, and much more. In addition, I gained further experience in project management, working in teams, and direct communication with clientele. All in all, I've grown as a software professional and look forward to a point where I may offer senior-level expertise towards a project's overall success.