

CVWO Assignment Writeup

Prior to this assignment, I've mostly been working on custom robots running on ROS and ROS2. Upon entering university, I felt that I should expand my horizons and dabble with technologies which I have not worked on. Thus, I am pretty happy that I have completed this assignment, as this assignment gave me a broad overview of web development as a whole.

I must say, web development felt rather messy at times. There are countless frameworks and languages to choose from, to accomplish the same task. For example, I could have gone with Django for my backend instead of ruby on rails, or Angular for my front end instead of React. Furthermore, due to the rapid changes in frameworks and libraries, online guides and documentation are rendered obsolete pretty quickly. (On the plus side, I think I have gotten better at googling errors)

Most importantly, this assignment made me appreciate features which I had taken for granted when browsing other websites. For example, form validation proved to be more difficult than I thought to implement, with many states and conditions to manage etc. (formik proved to be a great help here hehe). Even something as simple as an alert took me a while to figure out.

Moving on beyond this assignment, I plan to learn more about how to write unit tests for ruby on rails with rspec, as well as continuous integration/ continuous delivery(perhaps with aws elastic beanstalk. I'm still wondering if I should give my debit card to Jeff Bezos LOL).