

Exercise 2.8: Deploying a Django Project

Learning Goals

- Enhance user experience and look and feel of your web application using CSS and JS
- Deploy your Django web application on a web server
- Curate project deliverables for your portfolio

Reflection Questions

1. Explain how you can use CSS and JavaScript in your Django web application.

You can use CSS and JavaScript to implement more interactive features to your Django Application. Css allows you to add in styling for all of the different components that make up your application. Java allows you to add other interactive components like hiding or showing specific elements and many other functions that java can create.

2. In your own words, explain the steps you'd need to take to deploy your Django web application.

To deploy a Django application you need to find a hosting site like heroku. You will have to add in the files required by said host to tell them where the application starts. You also have to connect the application to a database so that information can be stored and accessed when people use the application. Once you have this you will need to add it to your application and then you are ready to push this to your hosting service.

3. (Optional) Connect with a few Django web developers through LinkedIn or any other network.

Ask them for their tips on creating a portfolio to showcase Python programming and Django skills. Think about which tips could help you improve your portfolio.

Others said that something that helps with your portfolio is adding more interactivity. More things that people can click to display more or less information. You don't need to do more than what I currently show however doing more with what I have data wise ie. Interactive buttons and moving transitions shows more skill and knowledge with the basics of coding. I will add more interactivity to my portfolio so that it can be more fun and stand out more to prospective employers.

4. You've now finished Achievement 2 and, with it, the whole course! Take a moment to reflect on your learning:

- a. What went well during this Achievement?

I thought python itself was quite interesting and I loved learning the basics. The development of a project like our recipe app and Django was quite complicated for a beginner and will need more research to feel more comfortable doing.

- b. What's something you're proud of?

I am proud of how far I came with troubleshooting. Issues with code comes with the job and I am quite happy at how adept I have gotten at using the tools we have to track down the issue I may be having with my code.

- c. What was the most challenging aspect of this Achievement?

I had a lot of issues with getting the project to go live. Many of these stemmed from simple versioning errors however the SQL server gave me a lot of confusion as well. I was able to get it worked out using different forums and research on my own separate from CF.

- d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills?

I was expecting this achievement to delve more into the how and why we do things with python and how to get them to work. The steps and teachings showed us what to do for the most part but did not explain why we do it this way.

Well done—you've now completed the Learning Journal for the whole course.