

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 in your Django application by creating files with the CSS and JS code and then calling the page into your Django template in order to utilize the data.
2. In your own words, explain the steps you'd need to take to deploy your Django web application.
There are important steps to take to deploy the Django web application. Configure your app by adding Procfile, gunicorn, pchopg2, and dj-database-url as well as updating static files, change debug to false, keep secret key a secret, freeze requirements then push code to github. If deploying through Heroku, you would take the required steps for deployment and update settings and allowed hosts to your Heroku user link. Then you push to github and use terminal to reset the secret key.
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.
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? Overall the course went pretty well, I enjoyed both parts and although it was a bit challenging it was a good learning experience.
 - b. What's something you're proud of? I am proud I have a working Django application.
 - c. What was the most challenging aspect of this Achievement? I was struggling with the media images with Heroku and I would like to learn more about how to use a cloud program to link images to my application.
 - d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills? This course helped lay good groundwork for Django and gives me confidence to move forward in my knowledge.

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