CAREER**FOUNDRY**

Python for Web Developers Learning Journal

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.

   In order to implement CSS and Javascript in a Django web application, you can use one of the following methods:

   • Inline: Using the style and script attributes directly inside the HTML elements.
   • Internal CSS: Use the <style> and <script> tags under the head section of an HTML template.
   • External CSS: Use an external stylesheet that is referred to in the <link> and <script> tags of the templates.

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

   In order to deploy a Django web application, you need to update your code to a GitHub repository so Heroku can pick up the code from an online source, configure the application for deployment by updating the application's settings and installing necessary packages, and finally configure the project using Heroku CLI and push the code to Heroku remote.

3. 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?
      Getting familiar and confident with the MVT architecture.
   b. What's something you're proud of?
      I am proud of creating an aesthetically pleasing app that was user friendly.
   c. What was the most challenging aspect of this Achievement?
      The most challenging aspect was deploying my project to Heroku and I wish there were more resources to guide students in this process.
   d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills?
      Yes, I am confident to start working on new Django applications and trying out new frameworks for this language.