

EXERCISE 2.8: DEPLOYING A DJANGO PROJECT

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

We created a folder named 'static', which we will put inside of our 'src' folder. We then need to create our CSS and JS files located inside our newly created 'static' folder.

We then need to refer to the CSS and JavaScript files in our HTML templates as follows:

```
<head>
<link rel="stylesheet" href="static/styles.css">
<script src="static/scripts.js" defer></script>
</head>
```

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

We need to hide sensitive information and create a .gitignore file to avoid pushing files that we don't need in our production environment. We need to create a Procfile, install Gunicorn, and configure our app to be used by the hosting service provider. After that, we have to update our settings.py file to handle static files in the production environment and install the whitenoise package. In the end, we need to create a requirements.txt file to replicate our development environment to our production environment. Then, we can push our app to GitHub. We need to push the app to Heroku or whichever hosting service you prefer when on GitHub.

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?

I was able to complete all the tasks and exercises in this Achievement, and I felt confident in my ability to apply my knowledge of Django to real-world scenarios.

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

I'm proud of completing the entire course and achieving my goal of learning Django.

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

The most challenging aspect of this Achievement was Python configuration I had some issues here.

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

Yes, this course gave me the confidence to start working with my new Django skills. I feel ready to use Python&Django in the future.