Exercise 2.8: Deploying a Django Project

- 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 Django, you can use CSS for styling HTML templates by linking CSS files with {% Static %} tags, and for JavaScript, include JS files in templates for interactivity for dynamic behavior, also using {% static %} tags.

2. In your own words, explain the steps you'd need to take to deploy your Django web application.
   - To deploy a Django web application, you need to prepare your code, choose a hosting provider, set up a production database, configure static and media files, ensure security, configure the server, deploy your code, test and monitor the application, and configure the domain. This process involves configuring settings, deploying code to a hosting provider, and ensuring proper performance and security measures are in place.

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?
      - Successfully completing a full-fledged web app with Django, mastering user authentication, recipe management, and data visualization.
   b. What's something you're proud of?
      - Meeting learning objectives and completing the projectl
   c. What was the most challenging aspect of this Achievement?
      - Overcoming hurdles in configuring deployment settings and ensuring smooth application performance.

d. Did this Achievement meet your expectations? Did it give you the confidence to start working with your new Django skills?
- Achievement 2 met expectations by providing the skills and confidence to work independently on Django projects.

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