

Final Project - Overview and Review Criteria

Estimated Time Needed: 30 minutes

Project Overview

In the final project, you will apply the CI/CD concepts and skills you've learned throughout the course. Using a provided sample application and access to an OpenShift Cluster, you will build and deploy a complete CI/CD pipeline. This hands-on assignment will guide you through setting up GitHub Actions for automation, using Tekton for task management, and deploying your application using an OpenShift pipeline. You will have 2 options to perform this lab out of which you need to complete the submissions either using Python lab or Javascript lab.

This course offers two lab options—JavaScript and Python. We have already included a Lab Options by Programming Language reading at the start of the course; please review it before beginning this reading: [Reading: Lab Options by Programming Language](#)

Evaluation Criteria – 20 Points

You can submit your project deliverables in one of the following ways:

Option 1: AI-Graded Submission and Evaluation

When you choose Option 1, you will be redirected to an AI tool where you can upload your deliverables, which may include URLs, terminal outputs, code snippets, or screenshots. You will then receive an AI-generated grade that will automatically reflect on your Coursera progress page.

Option 2: Peer-Graded Submission and Evaluation

When you choose Option 2, you will upload your deliverables—such as URLs, terminal outputs, code snippets, or screenshots—through the My Submission section. Your submission will then be reviewed either by your peers or by Coursera's AI grader.

We recommend using Option 1 for faster grading. However, if you face any issues or cannot access it, you may use Option 2 instead.

If you encounter any grading problems, please reach out to the Course Team through the Discussion Forums.

Please find the details of the Grading Criteria below:

- ▶ Criteria for Option 1: AI-Graded Submission and Evaluation:
- ▶ Criteria for Option 2: Peer-Graded Submission and Evaluation:

Next steps

Make sure to save the output, as required by the review criteria, while following the step-by-step instructions.

Author(s)
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