**Project to be submitted**

Create a Continuous Delivery pipeline using Jenkins and Docker

Gilt Repo: <https://github.com/deepak2717/AWSDemo>

You can fork above repo and get started.

Tools to be Used:

Jenkins- CI/CD

Git/GitHub — Source Control Management

Artifactory: JFrog

Docker — Container

JaCOCO — Code Coverage Tool

Gradle — Build tool

Ansible — Configuration Management

Ansible/Github/Docker/Cucumber/

**Continuous Integration Pipeline**

The application is a simple web service written in Java with the Spring Boot framework. Gradle is used as a build tool and GitHub as the source code repository. Every commit to GitHub automatically triggers the Jenkins build, which uses Gradle to compile Java code, run unit tests, and perform additional checks (code coverage, static code analysis, and so on). After the Jenkins build is completed, a notification is sent to the developers.