



developer



when we push the  
code to feature branch



(developer machine)  
|-unit-test automations  
|-quality gating  
  |-sonarqube  
  |-jacoco  
|-build artifact will be  
published into  
artifactory repository  
(or)  
if it is containerized application,  
the docker image is published into  
docker container registry (dcr)

create pr  
to merge  
into master/develop



ci pipeline  
|-check all the reports  
  (sonar server)  
|-if all checks are passed  
then allow the pr to merge

merge the pr  
into master/develop



cd pipeline (continuous deployment and delivery)  
(promotional pipeline)  
|-pulls the artifact from the artifactory  
repository  
|-deploys them into the target env (dev, test, prod)  
  (between each env, the code will be soaked for 1/2 days)  
|-integration-tests (e2e)  
  |-if fails, then the deployment will be rolled back