Jenkins pipeline jobs

1. Create or Destroy Infrastructure job

Create a pipeline job in Jenkins calling the script as below

https://github.com/jyothi-kasturi/vf-assignment/blob/master/jenkins/Jenkinsfile.createOrDestroyInfra

2. Build the spring boot application for dev environment

Select dev as your environment - entire automation works currently for dev only

From Jenkins create a pipeline job with the below configurations

3 Deploy it to AWS Elasticbeanstalk

In Jenkins, install the AWS Elasticbeanstalk plugin.

Create Jenkins freestyle job as per below configuarations

Build

AWS Elastic Beanstalk [X]

AWS Credentials and Region

Credentials	[loading] [Add ▾]	?
AWS Region	eu-west-2	?
Number Of Attempts	30	
	[Validate Credentials]	

Application and Environment

Application Name	vf-app	?
Environment Name(s)	vf-app-dev	?
	[Validate Coordinates]	

Packaging

Root Object (File / Directory)	Provide local path to your spring boot jar	?
Includes		?
Excludes		?

Uploading

S3 Bucket Name	elasticbeanstalk-eu-west-2-641177158620	?
S3 Key Prefix	dev	?

Version and Deployment

Version Label Format	version1	?
Description Format		?
Zero downtime?	☐	
Amount of time to sleep between deployment status checks (seconds)	90	
Ensure Health is Green after deploy?	☑	?

This will deploy the spring boot application to AWS Elasticbeanstalk

4. Destroy the infrastructure - Select Destroy option from above job1 created in jenkins