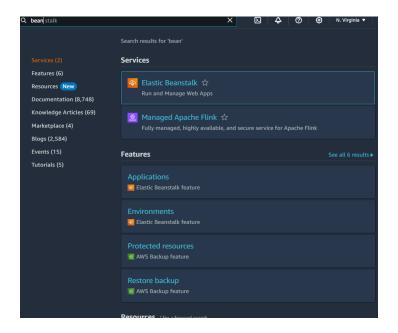
Roll no: 36

Exp 2

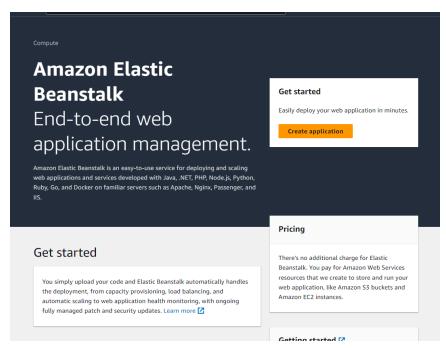
Aim: To Build Your Application using AWS CodeBuild and Deploy on S3 / SEBS using

AWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy

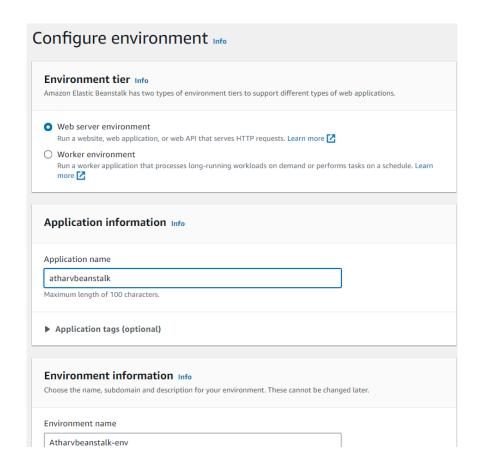
1)Login to your account and search for Elastic Beanstalk



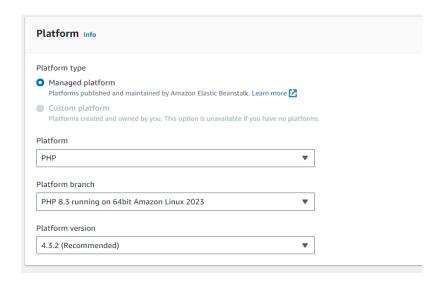
2)Click on it and select create application



3) Give a appropriate name to you application



4) Select php and other will automatically get filled



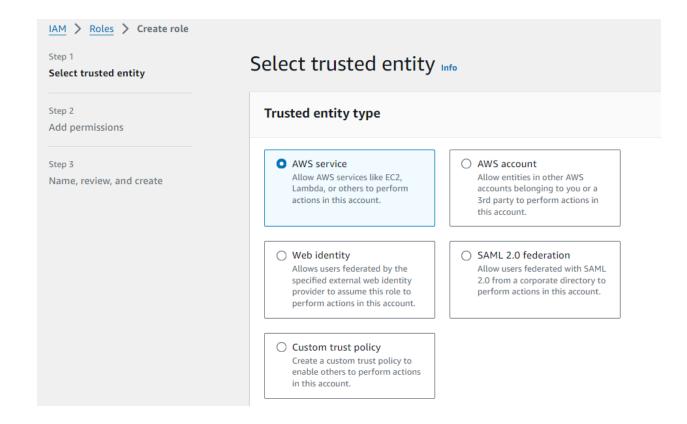
5) Now, while creating the environment, we are asked to provide an IAM role with the necessary

EC2 permissions. We are supposed to make sure that we have made an existing IAM role with

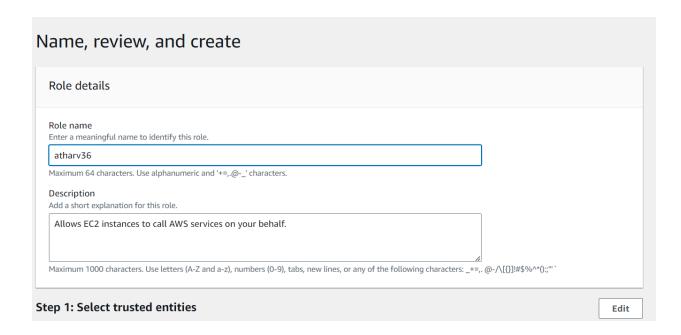
the following set of permissions:

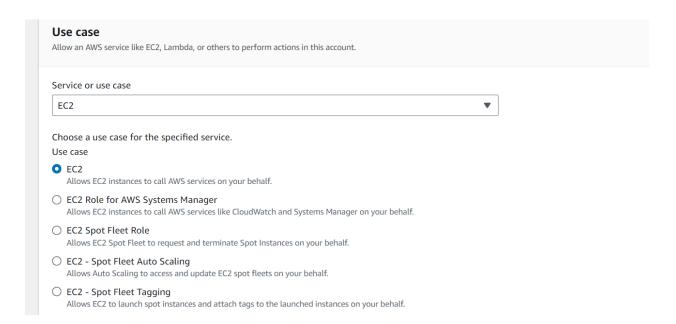
- 1. AWSElasticBeanStalkWebTier
- 2. AWSElasticBeanStalkWorkerTier
- 3. AWSElasticBeanStalkMulticontainerDocker

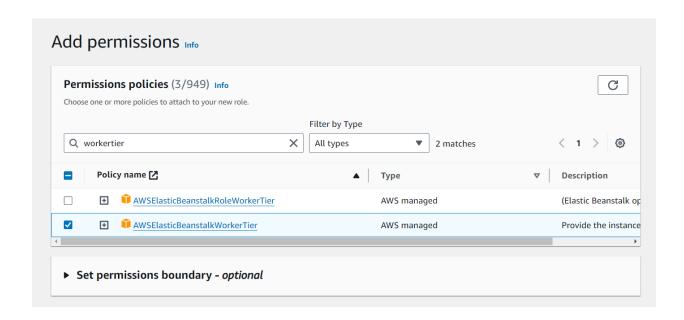
Select iam and then create role



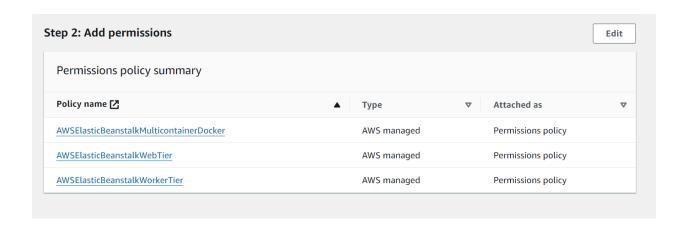
5)give a name and then select ec2







These 3 roles should be added



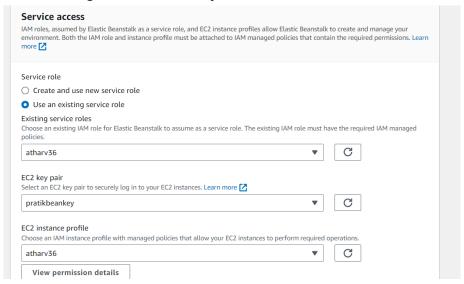
6)Now create an Application

Click on create application





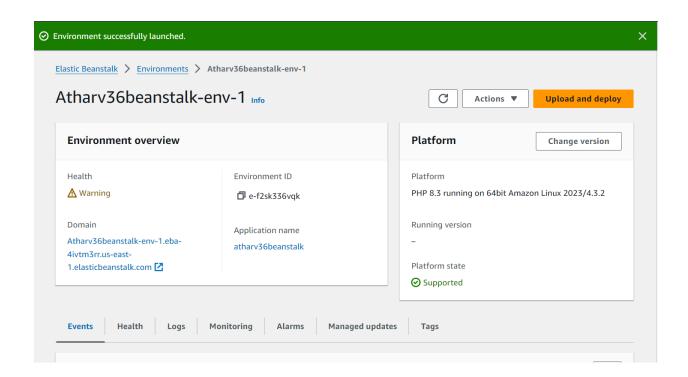
7) in services access give the role we just created



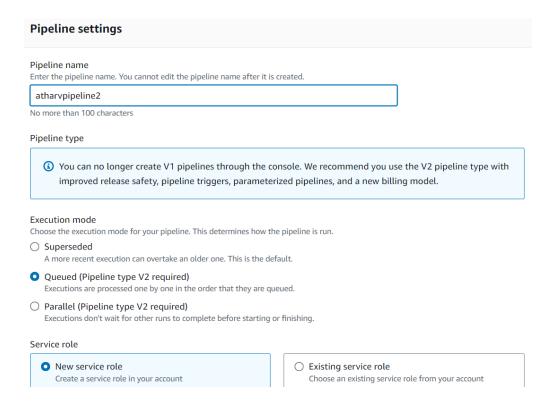
8)See the summary and click on create application



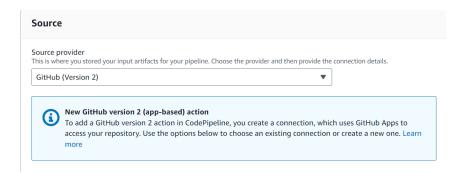
9)then you will get a message that you environment is created



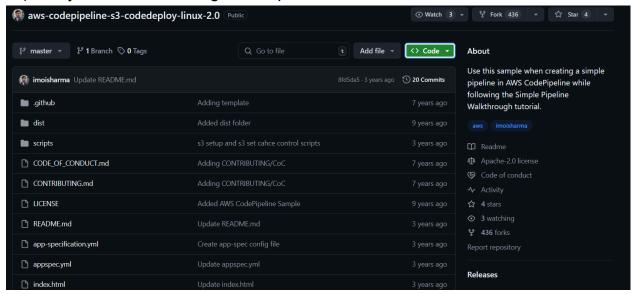
10)Create a pipeline



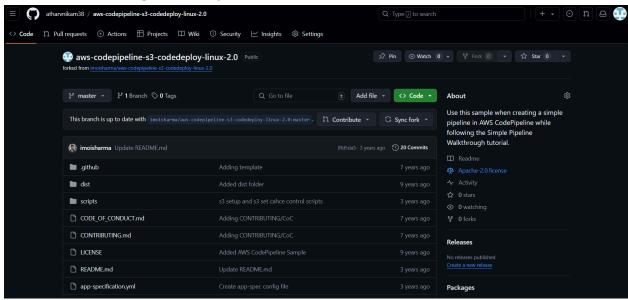
11)select source and select Github version 2



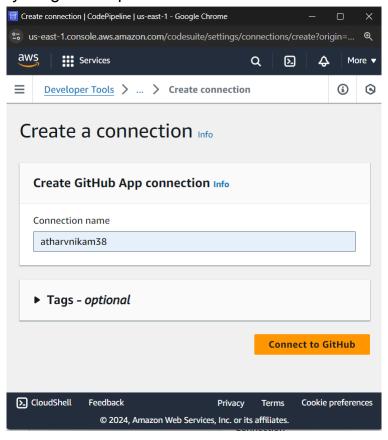
12) First you have to fork a github repo



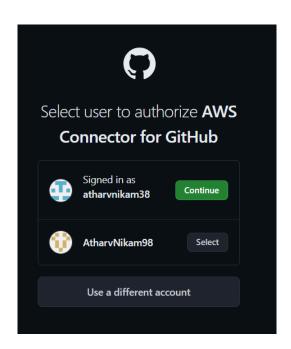
13) forked this image on the your account

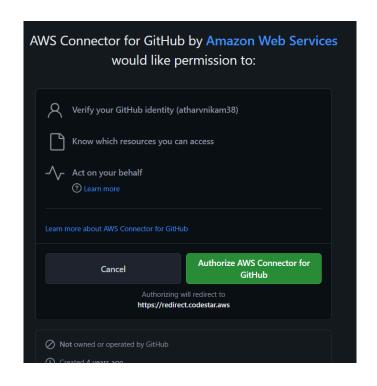


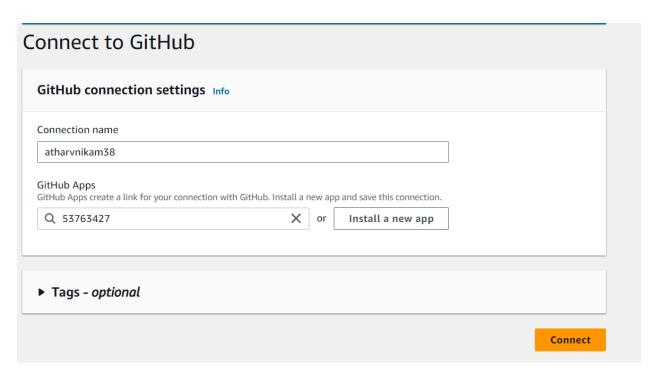
14) Now connect your github repo here



15)Authorize it







16)now you have connect the repo

Source provider

This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.

GitHub (Version 2)
▼



New GitHub version 2 (app-based) action

To add a GitHub version 2 action in CodePipeline, you create a connection, which uses GitHub Apps to access your repository. Use the options below to choose an existing connection or create a new one. Learn more

Connection

Choose an existing connection that you have already configured, or create a new one and then return to this task.

Q arn:aws:codeconnections:us-east-1:069450516824:connection/135ebd03-0a X or Connect to GitHub



Ready to connect

Your GitHub connection is ready for use.

Repository name

Choose a repository in your GitHub account.

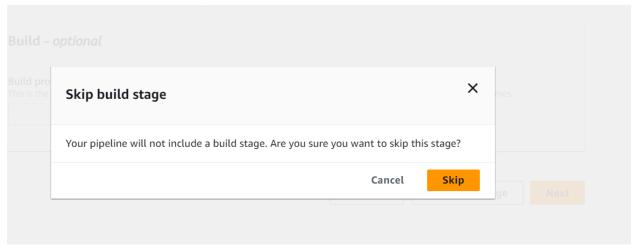
Q atharvnikam38/aws-codepipeline-s3-codedeploy-linux-2.0 X

You can type or paste the group path to any project that the provided credentials can access. Use the format 'group/subgroup/project'.

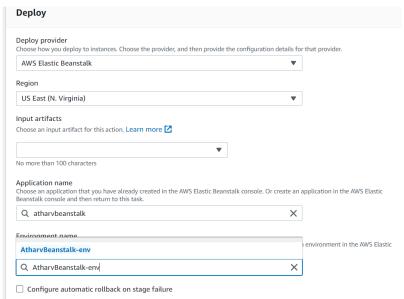
Default branch

Default branch will be used only when pipeline execution starts from a different source or manually started.

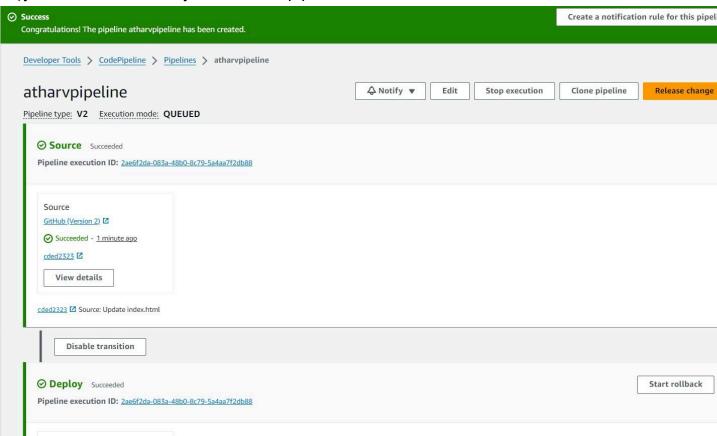
17) click next and click skip build test



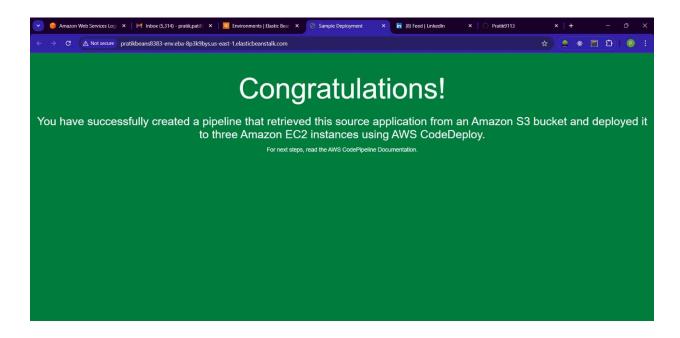
18)enter final info



19)you have successfully created the pipeline



20)you will get this message



21) make changes to your repo and rerun the pipeline

