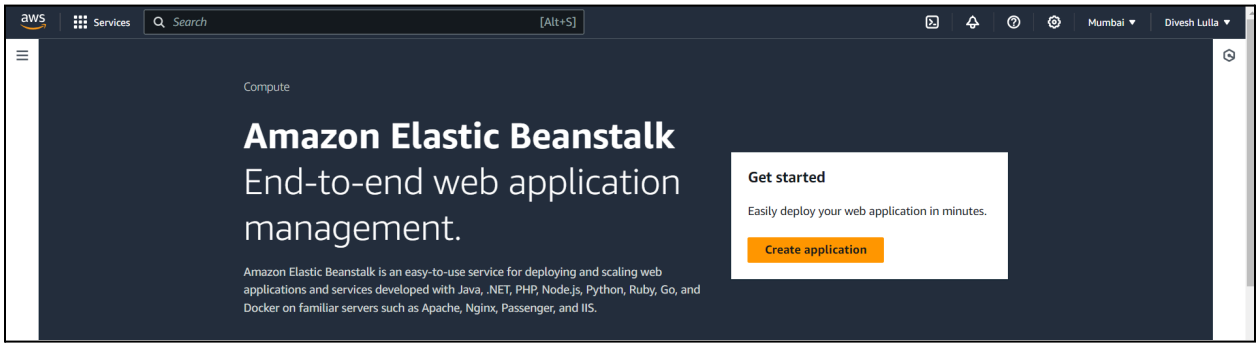
Name: Divesh Lulla Class: D15_C Roll No: 31

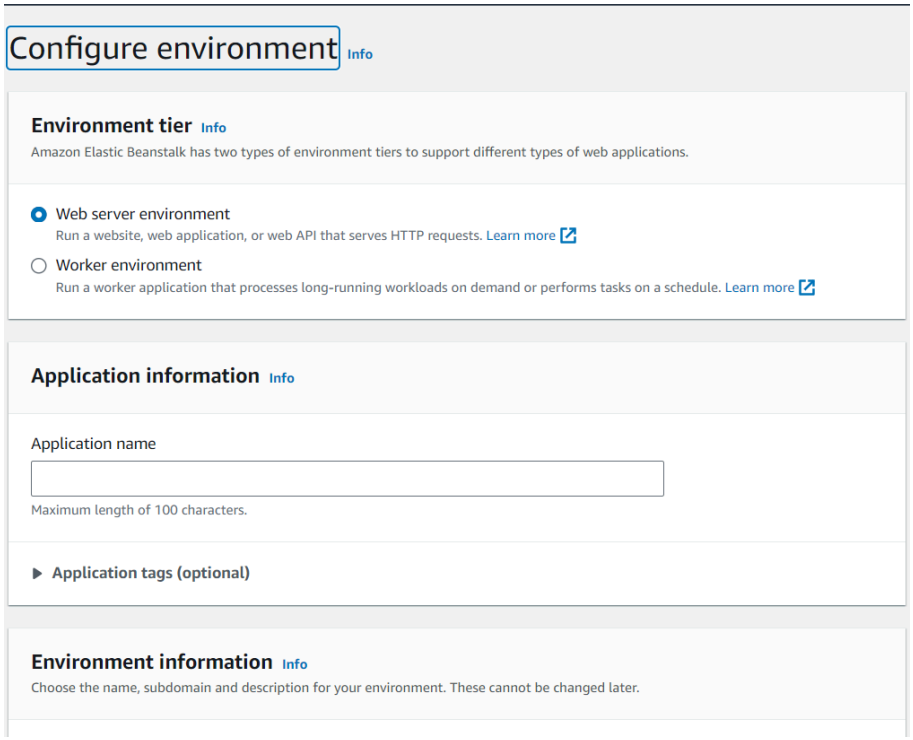
Experiment No 02

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.

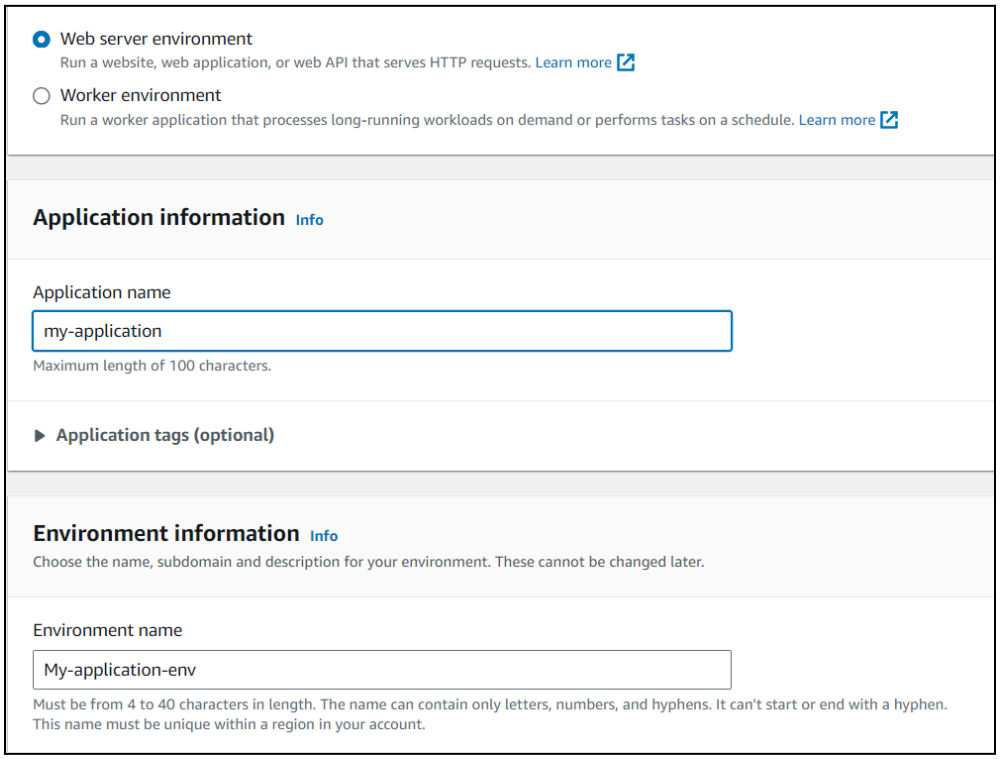
Step 1: Go to AWS, search and open Elastic Beanstalk.



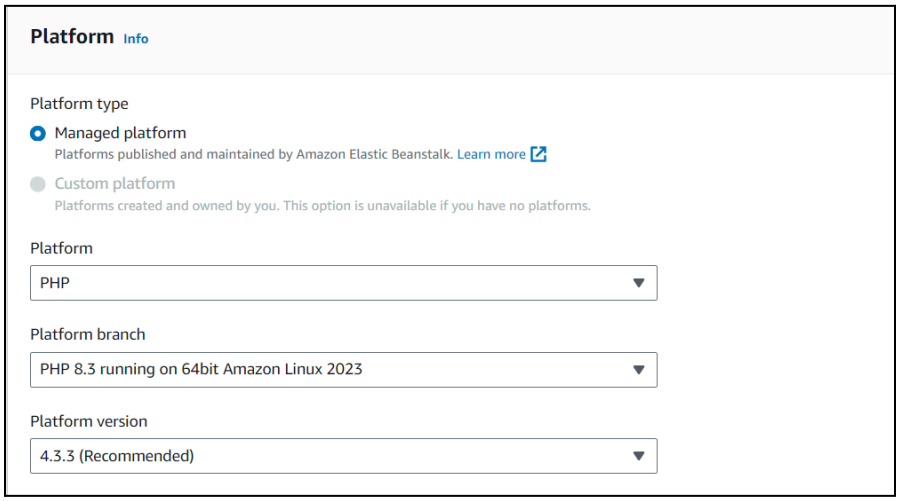
Step 2: Click on Create application and configure the Environment.



Step 3: Fill out the details according to need.

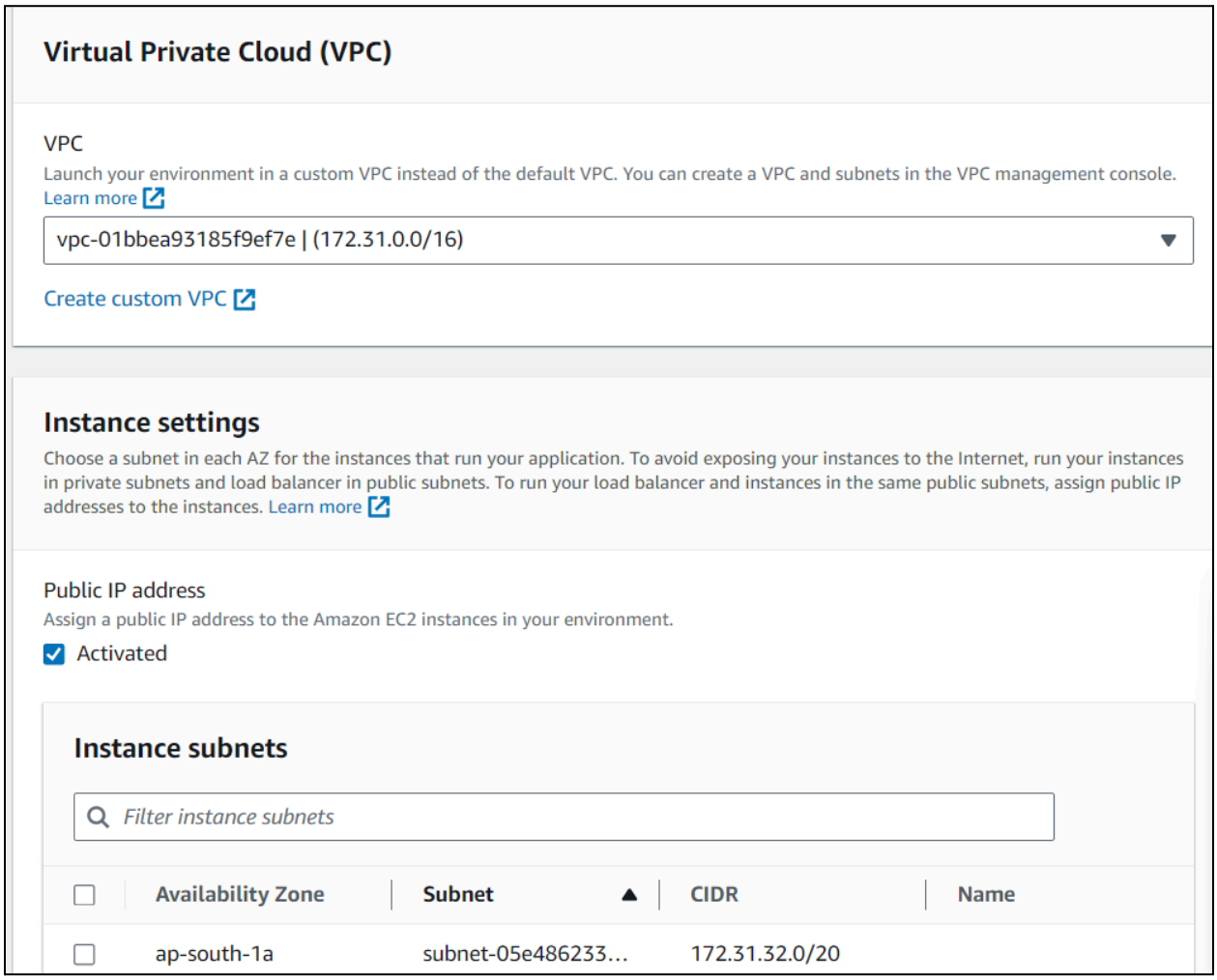


Step 4: Scroll down to platform and fill the details.

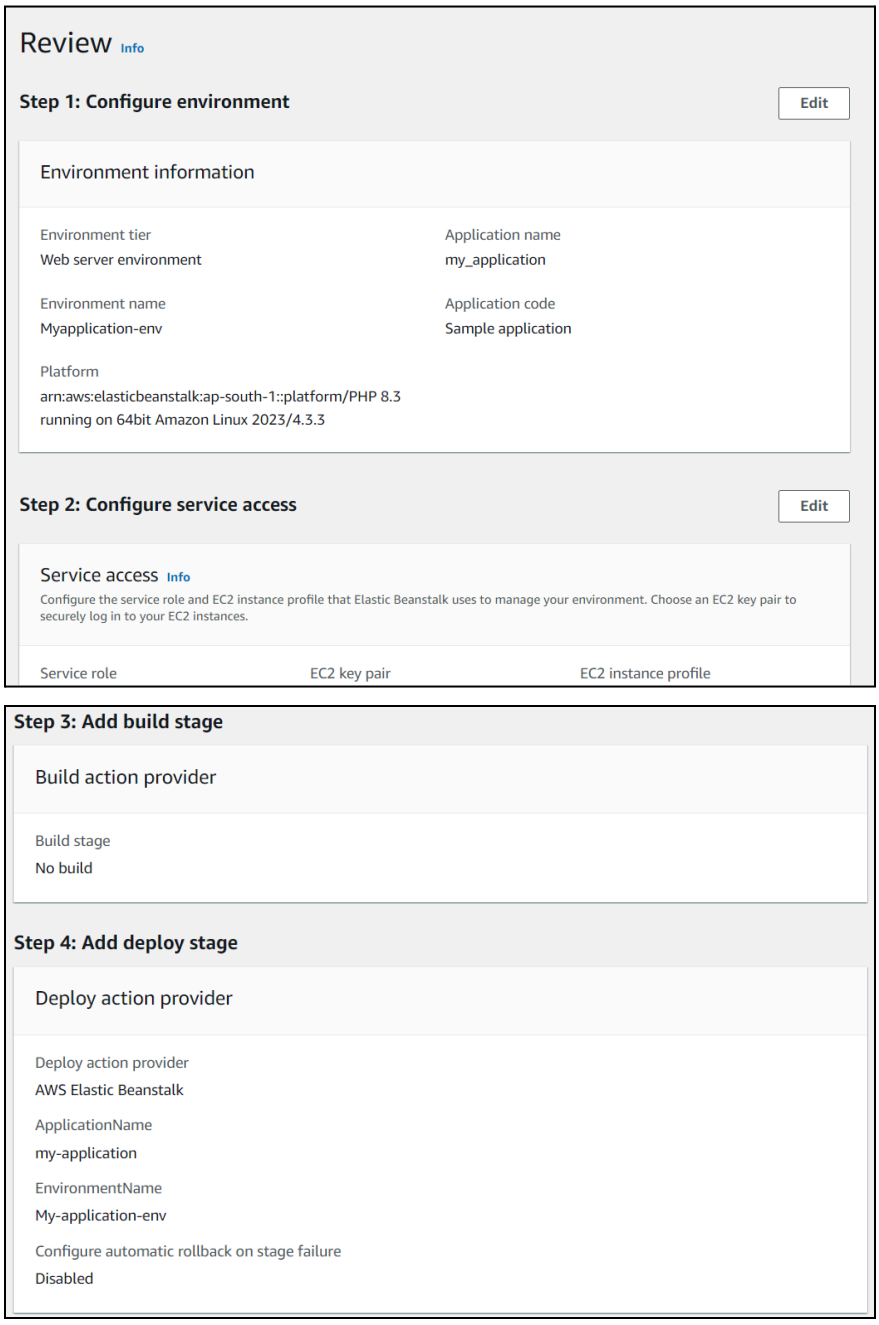


Step 5: Click on next, Keep all other settings as default.

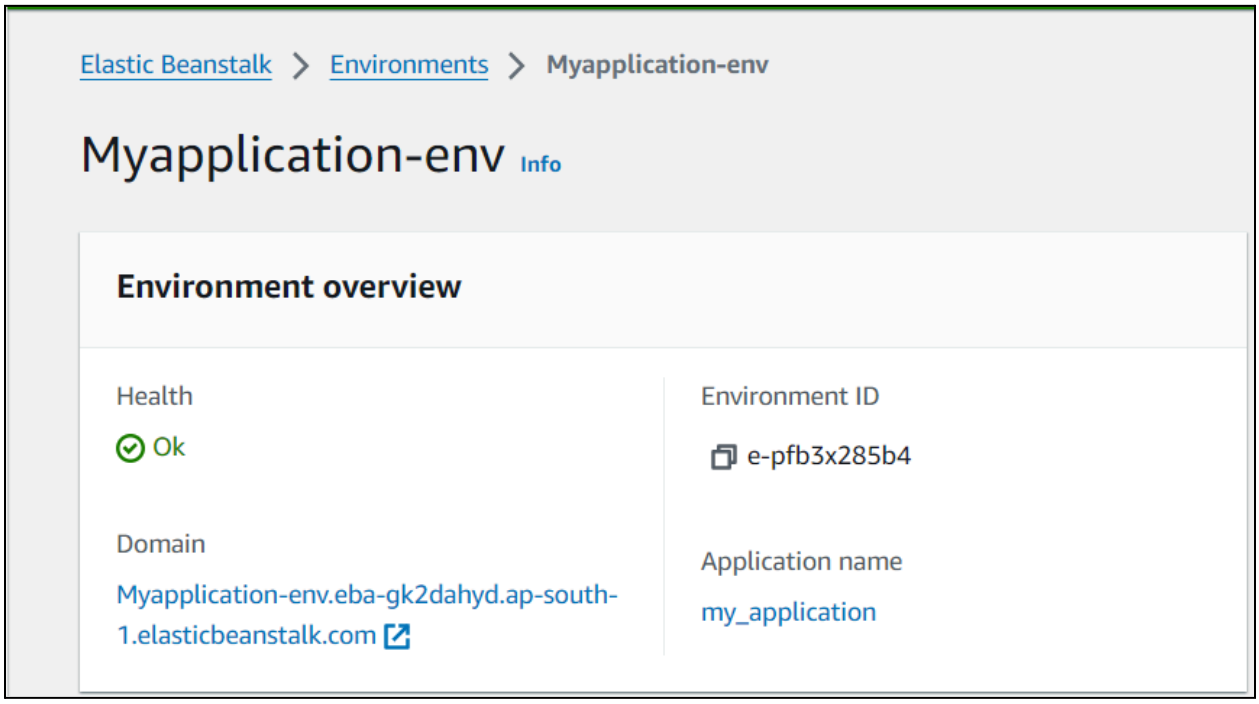
Step 6: In the Setup Network section select a vpc and instance subnets then click on next



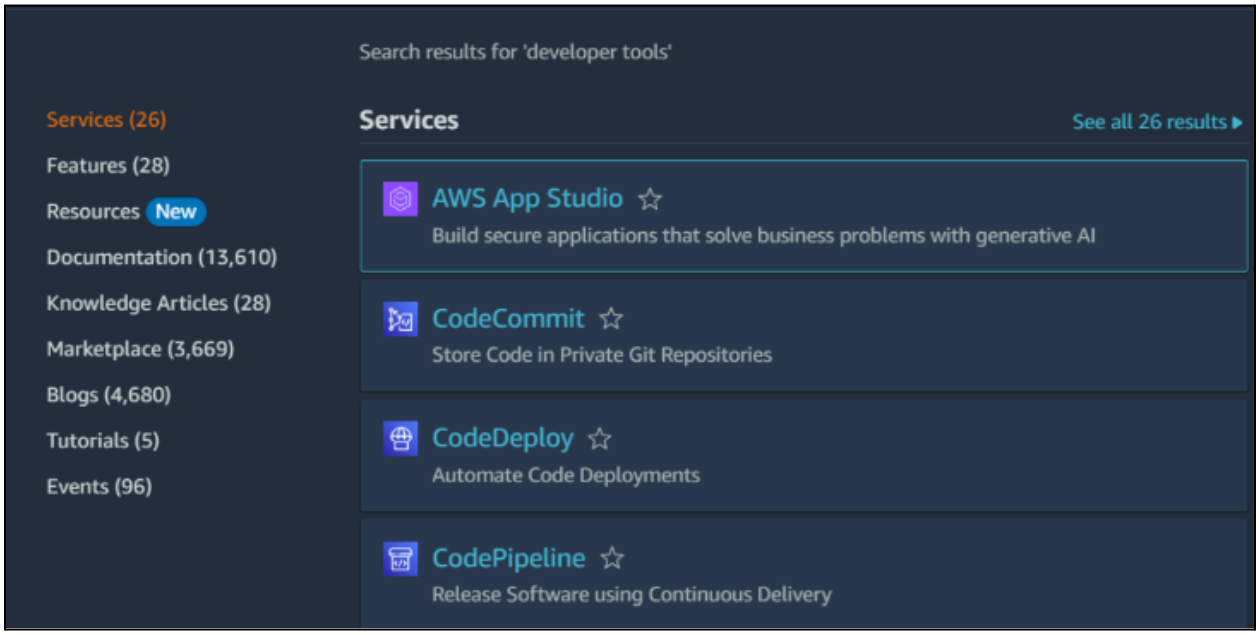
Step 7: Next is the review page where you can check the configuration that have been set in the previous steps. Click on submit.



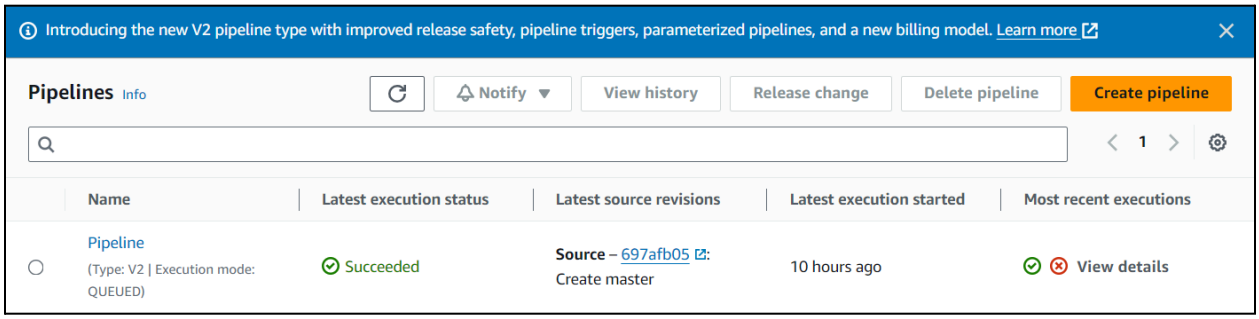
Step 10: Environment will be successfully created.



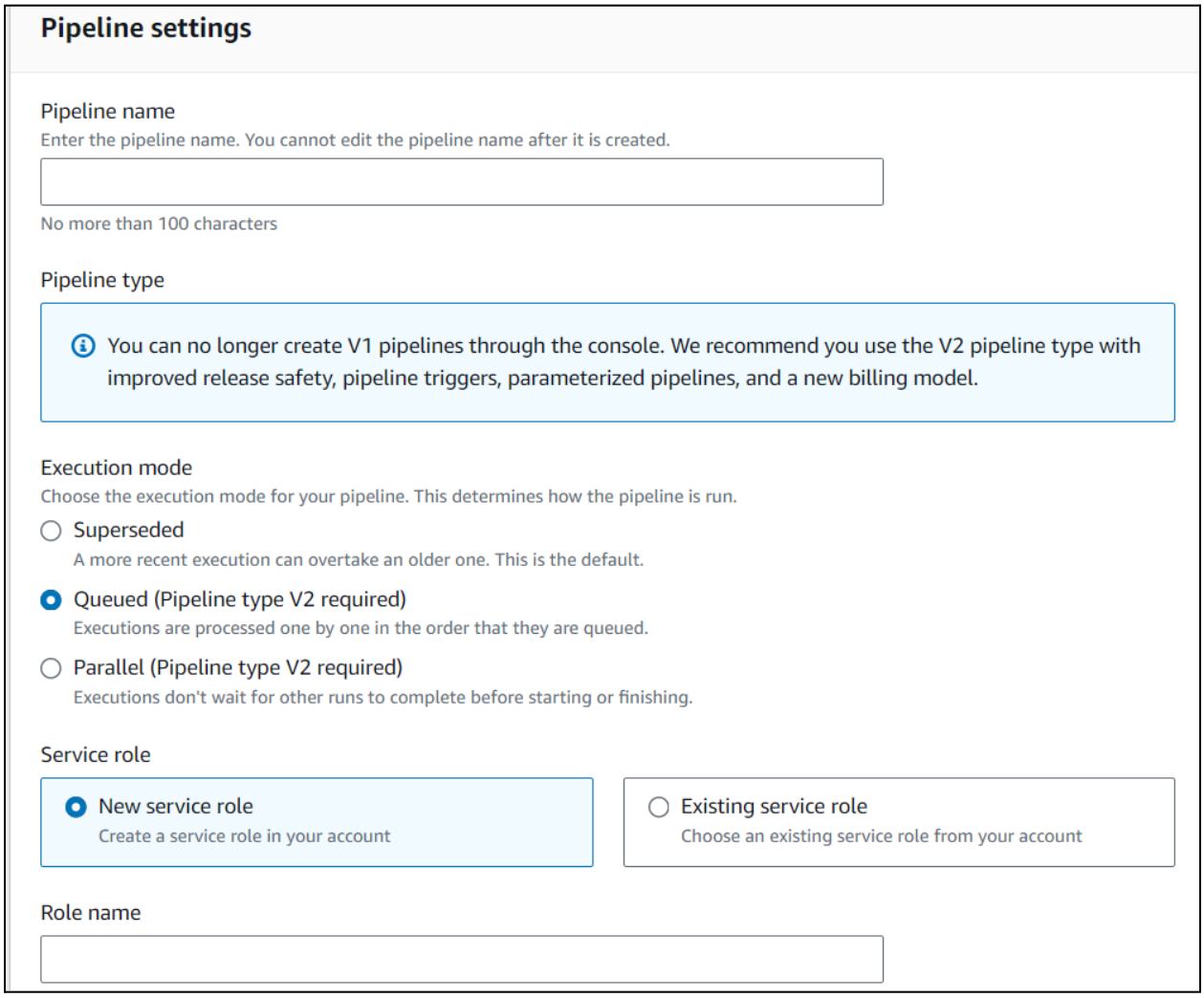
Step 11: Now after this we are going to create a pipeline, for creating pipeline go to Services and Select CodePipeline.



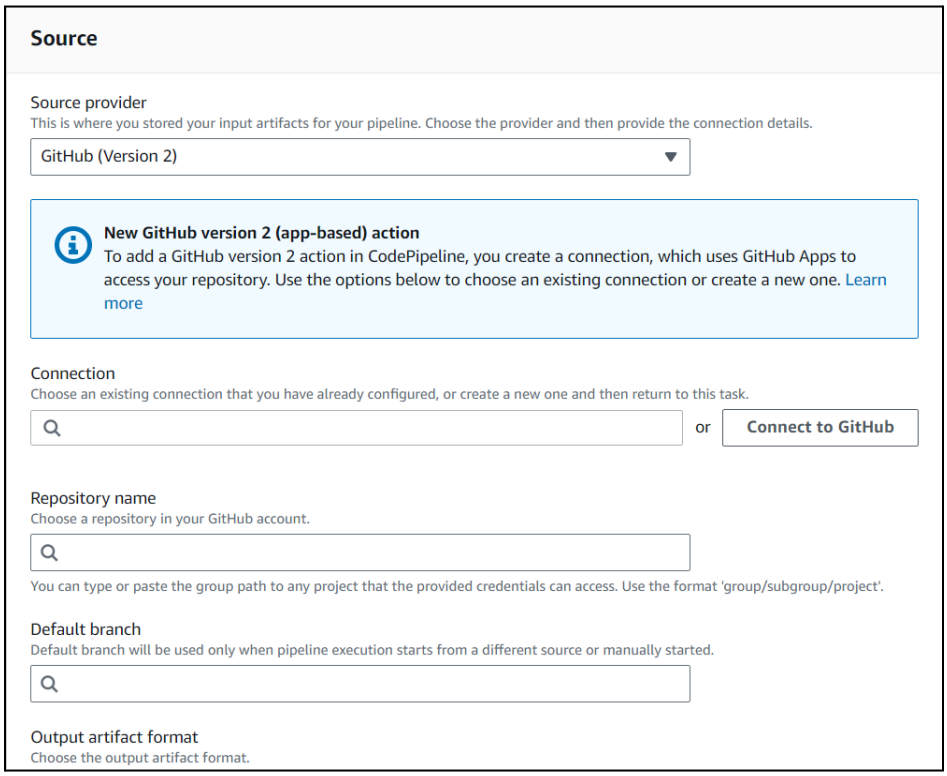
Step 12: Select Create a Pipeline



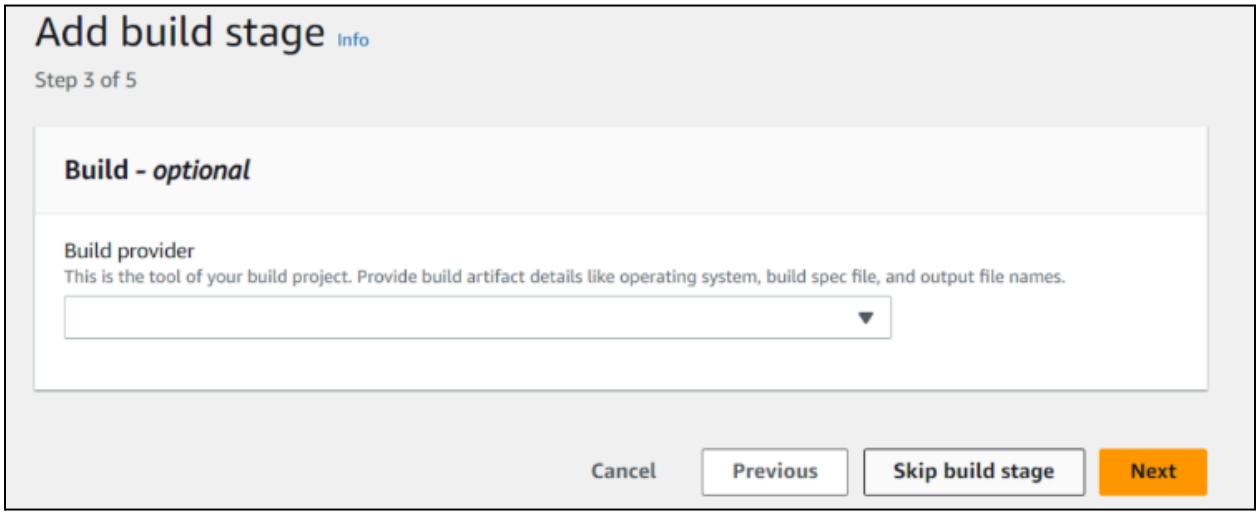
Step 13: Fill the required fields for creating a pipeline



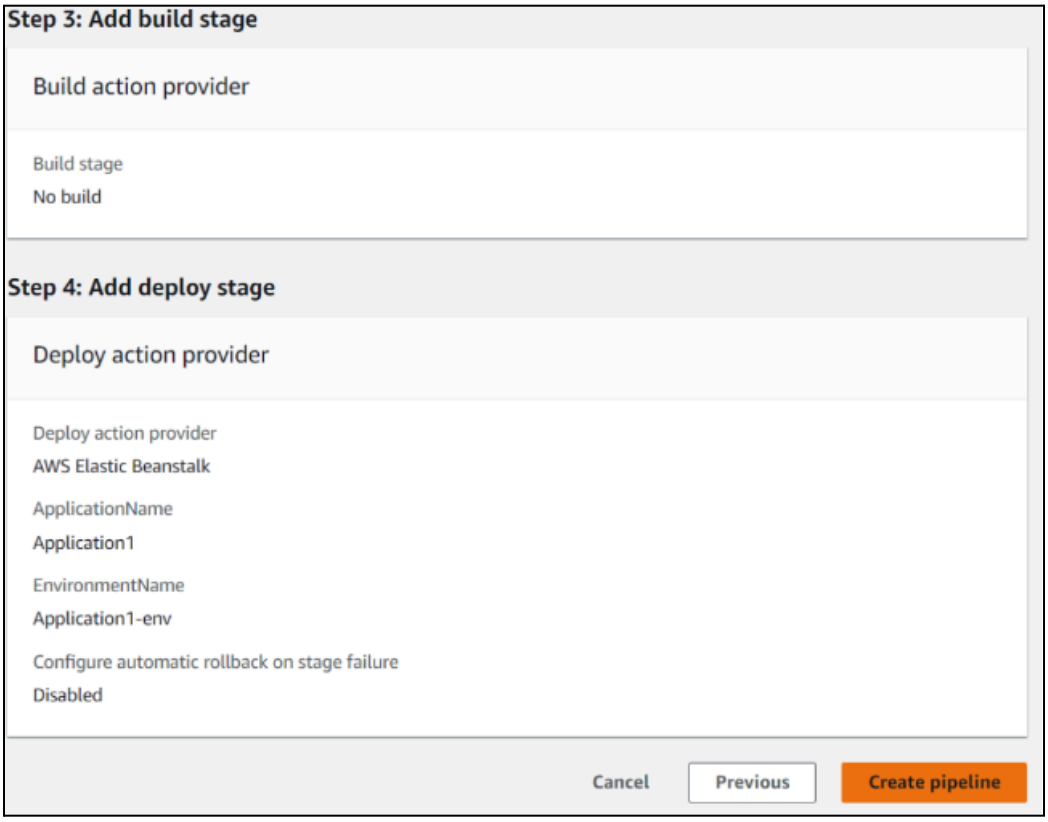
Step 14: In Add Source stage select Github version 2 as the source provider and then connect the aws to github account.



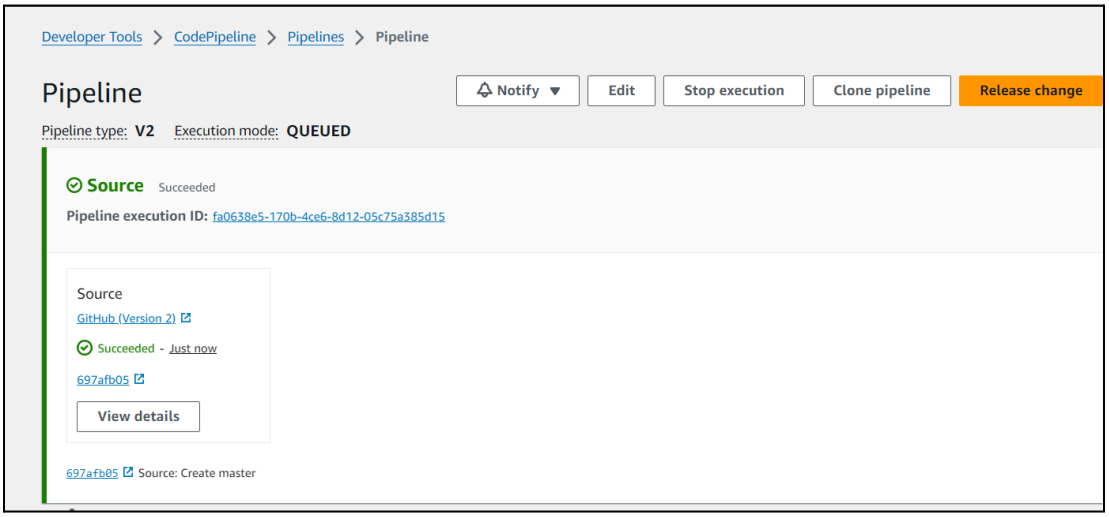
Step 15: Skip the build stage and review stage.



Step 16: In review Stage check all the settings that have been done and click on create Pipeline.



Step 17: Pipeline is created successfully.



Step 17: Now we will select the URL and it will redirect to sample website.