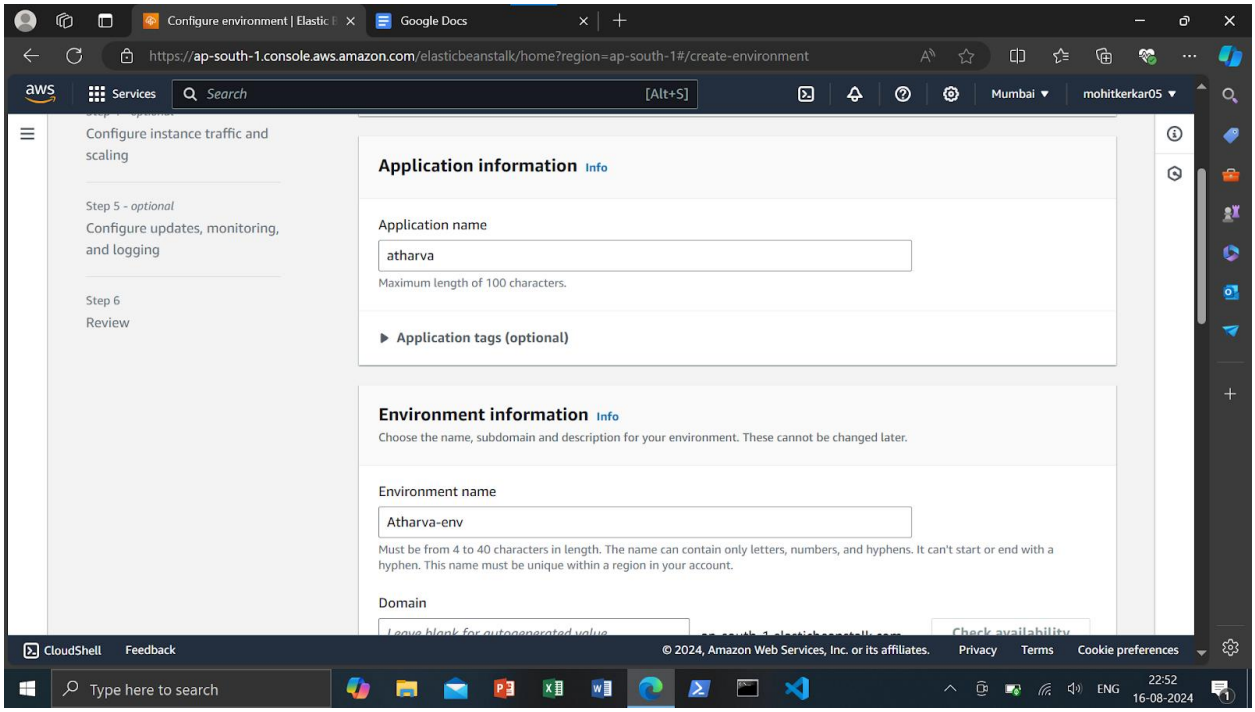
Name:Atharva Shinde Roll No. 54 Div:D15C

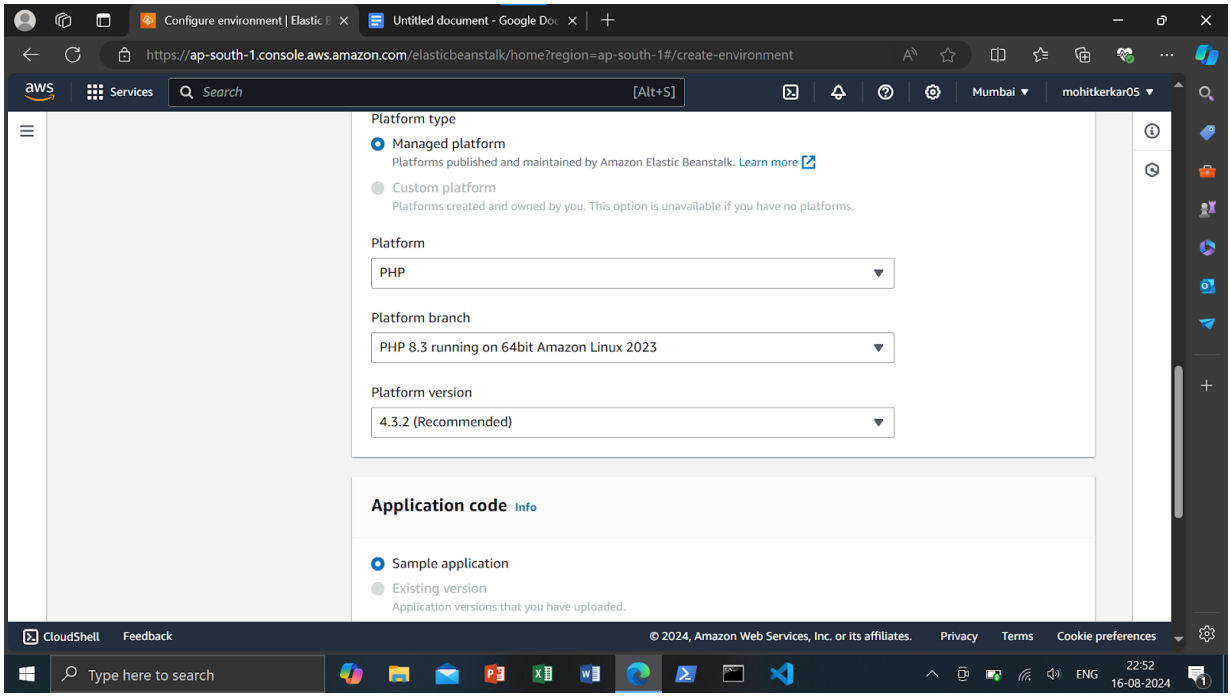
EXP 2

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.

Create an Elastic Beanstalk environment. Give a suitable to your environment.



Select a suitable platform for your Elastic beanstalk environment. Here, we will select PHP file

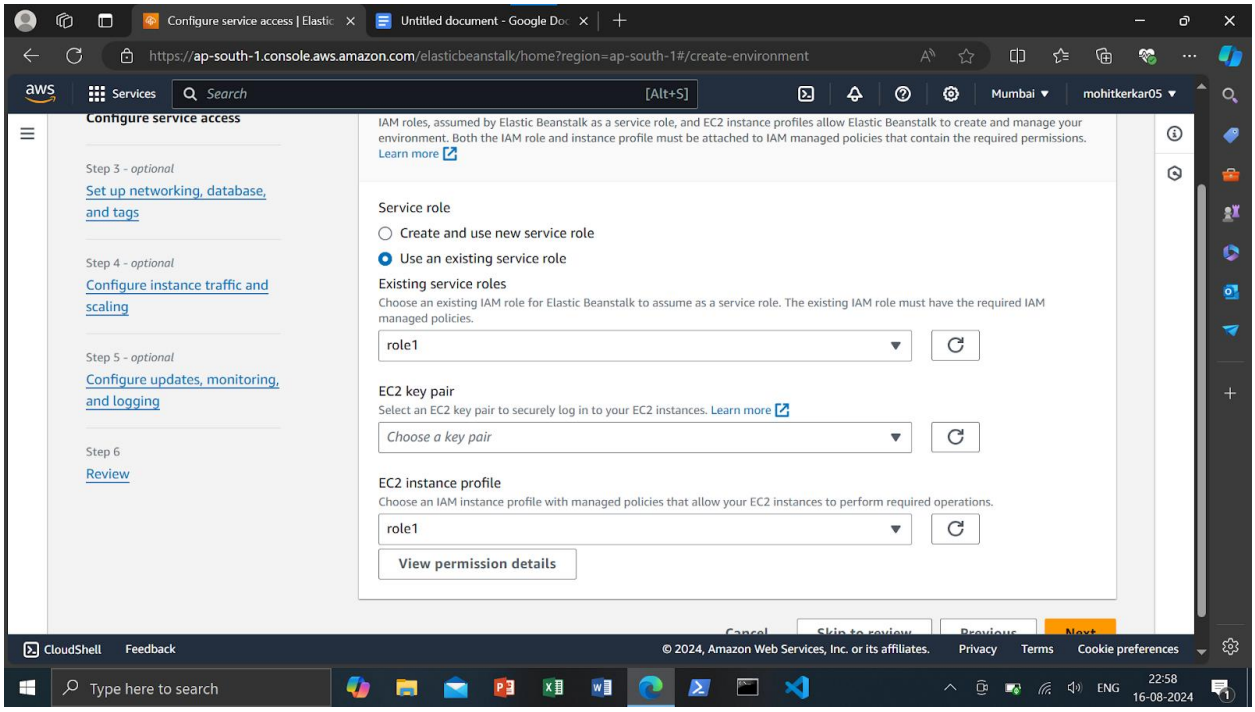


Name:Atharva Shinde Roll No. 54 Div:D15C

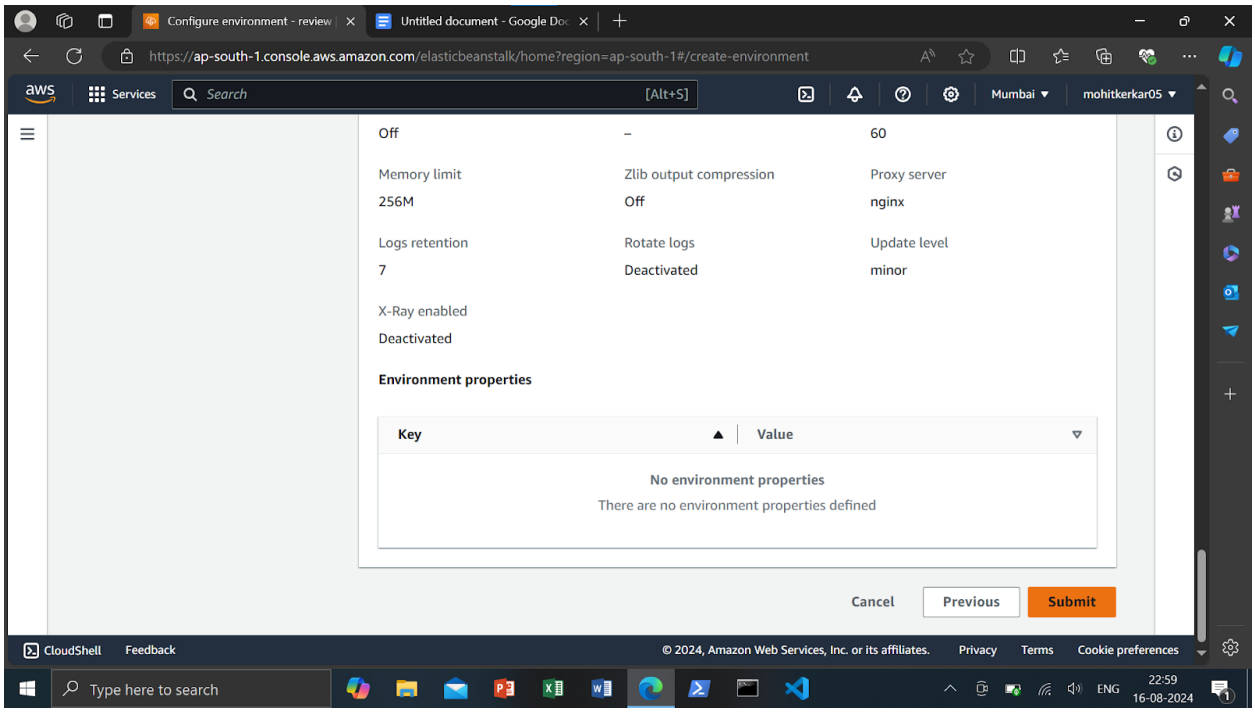
Next, we will have to give access to our Elastic beanstalk environment to carry out it's tasks. For this, we have to grant certain permissions to the role, component or the entity that we will create.

Following our permissions that we are supposed to grant to our role.

- AWSElasticBeanStalkWebTier
- AWSElasticBeanStalkWorkerTier
- AWSElasticBeanStalkMulticontainerDocker

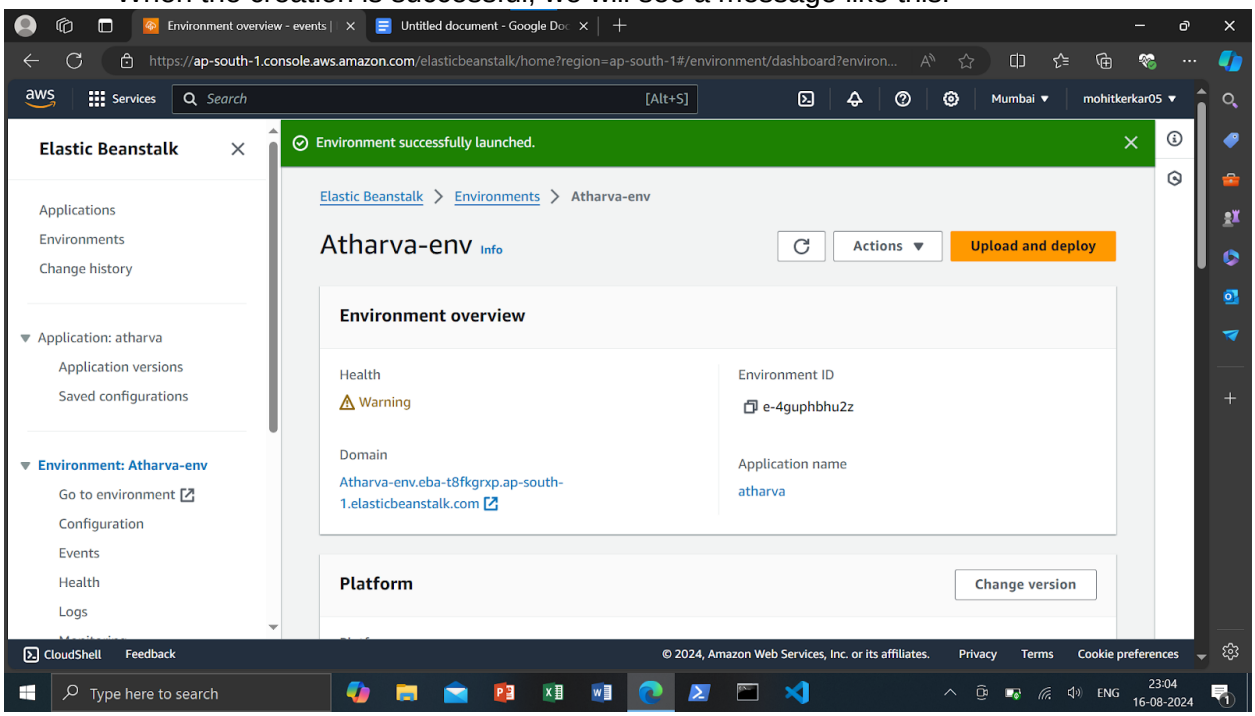


Click submit to create our Elastic beanstalk environment.



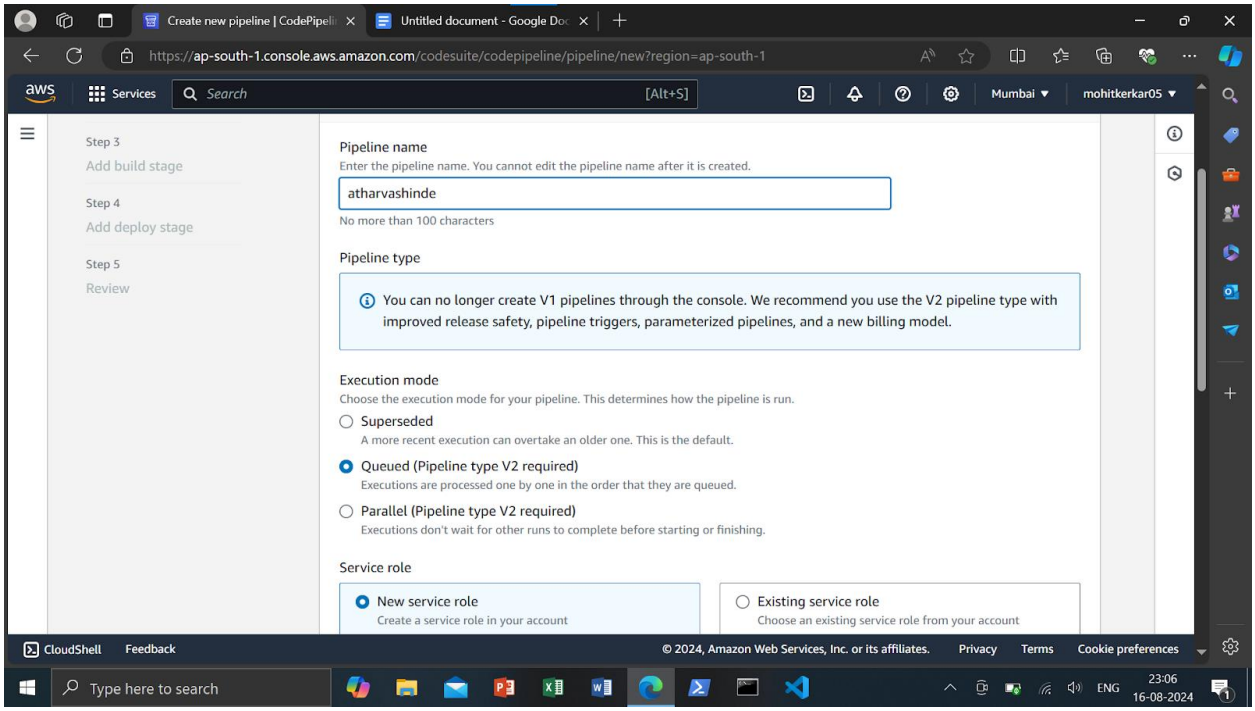
Name:Atharva Shinde Roll No. 54 Div:D15C

When the creation is successful, we will see a message like this.



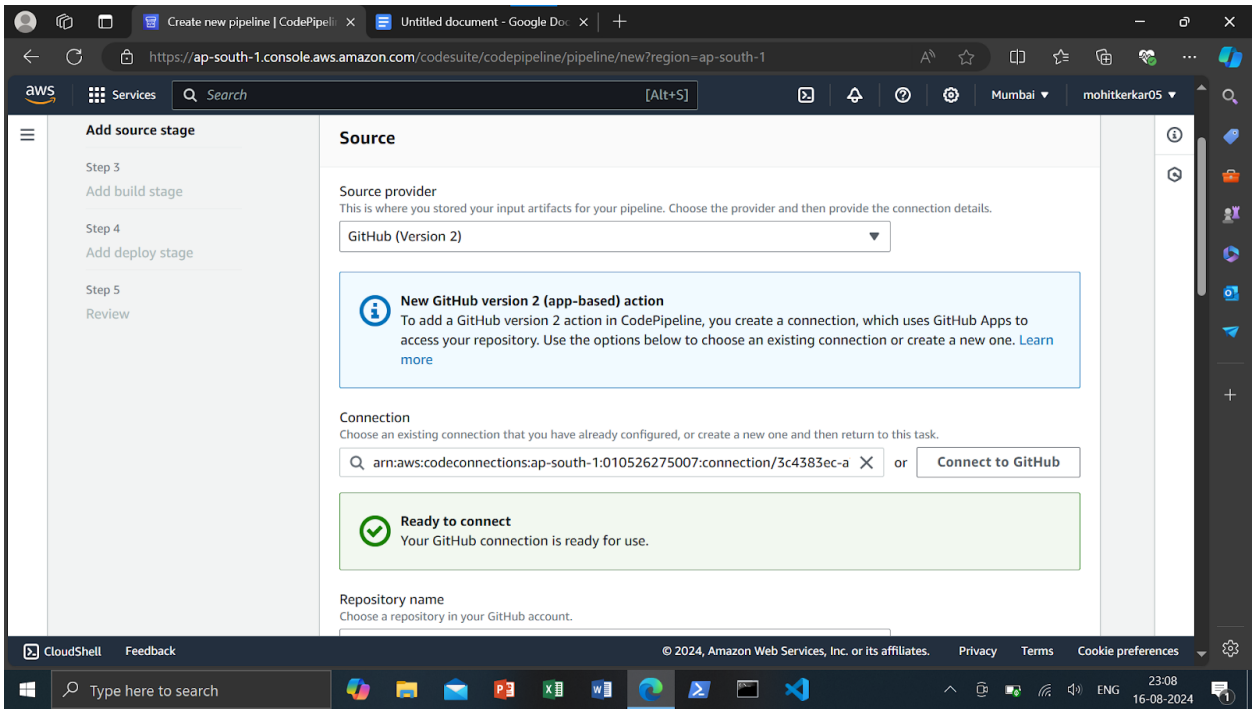
Now, We need to create a pipeline

To create a pipeline go to services →pipeline→create pipeline



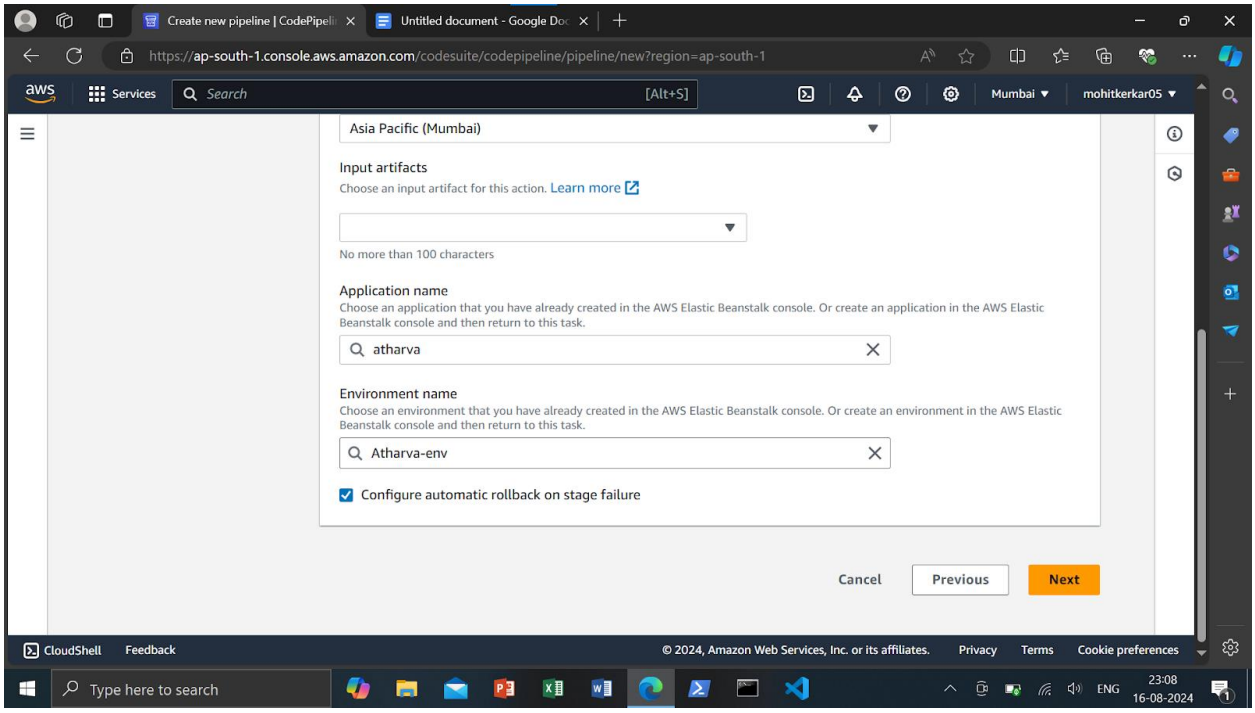
Name:Atharva Shinde Roll No. 54 Div:D15C

Post the establishment of the connection, this is the message that is displayed. We can further select the branch of our repository that we want to connect.

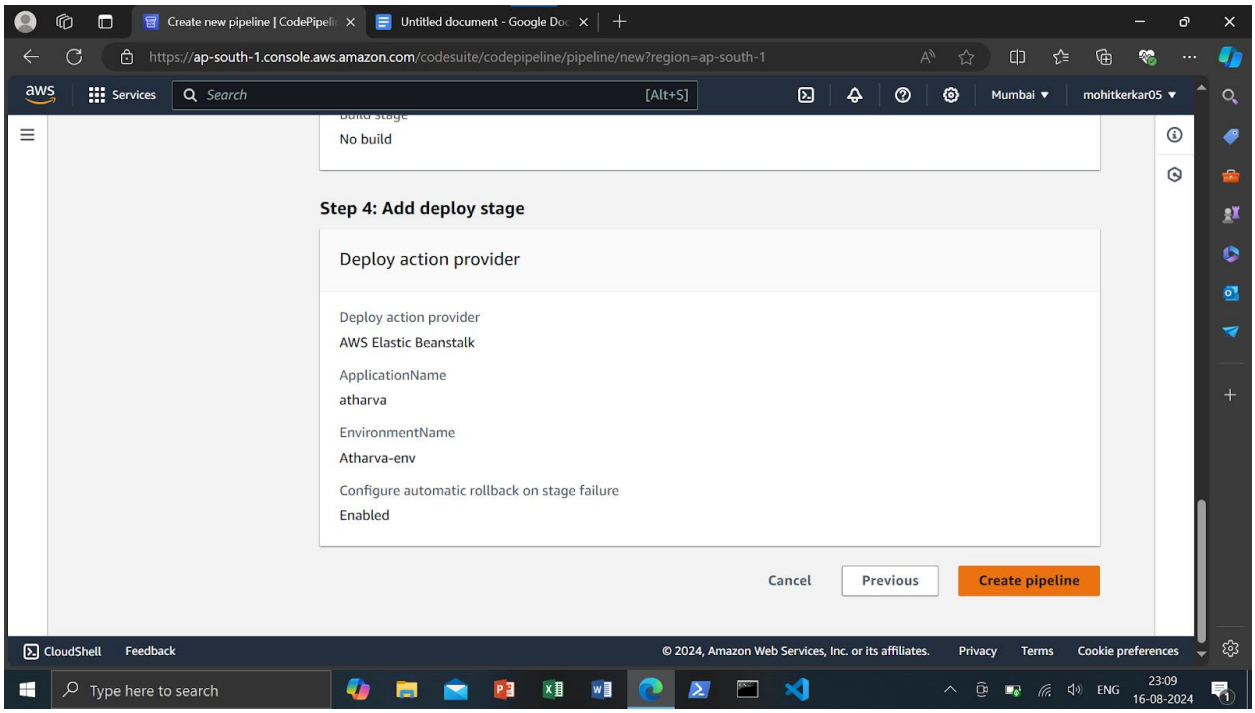


Name:Atharva Shinde Roll No. 54 Div:D15C

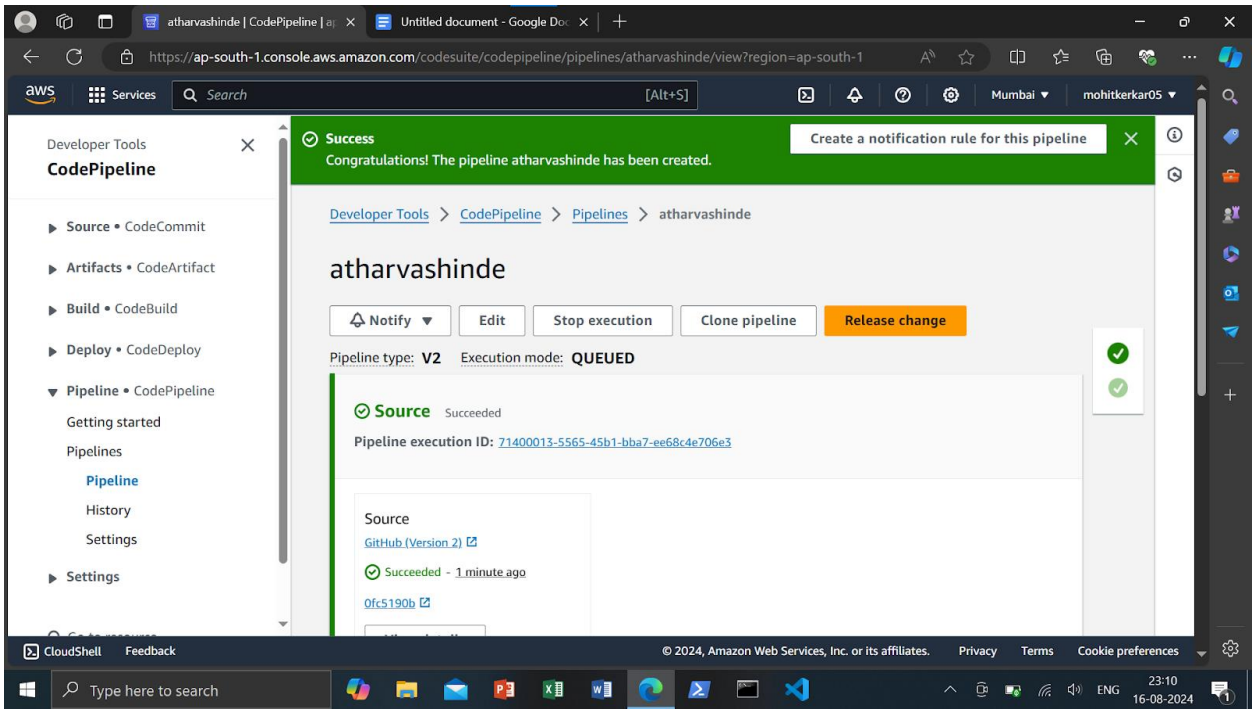
We are expected to skip the build stage and move towards the deployment step. In the deployment step we are supposed to choose the Elastic Beanstalk application and the environment that we created earlier and proceed with our pipeline creation



Name:Atharva Shinde Roll No. 54 Div:D15C



Step 6: Post deployment stage: When all the stages run successfully, this is what is displayed onto the screen. It shows us that our application and our environment have successfully beendeployed using a dedicated pipeline created



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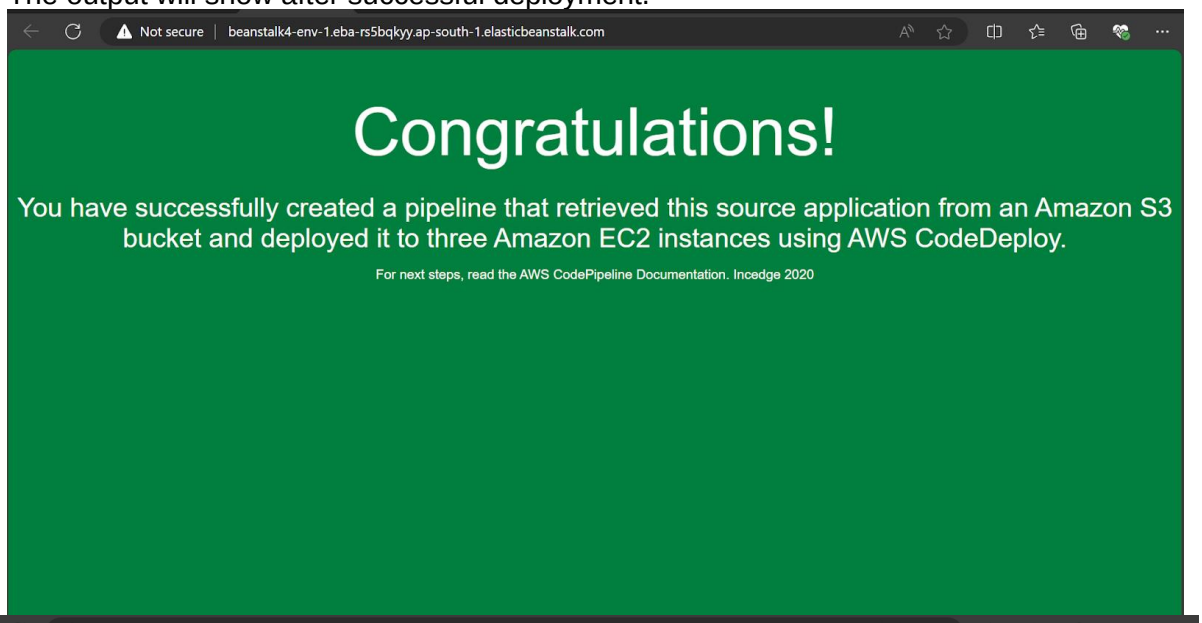
2. The output will show after successful deployment.



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