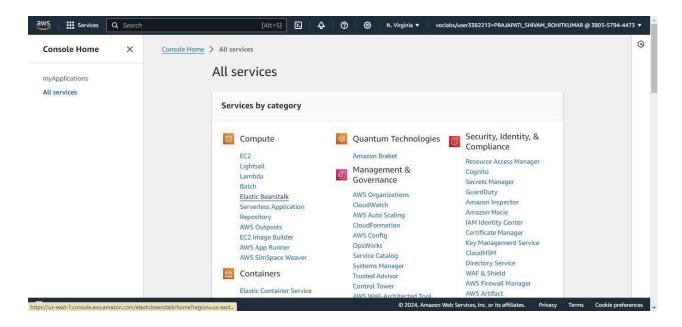
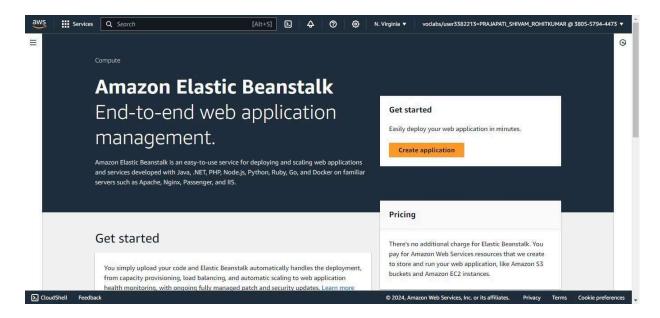
## Experiment No:2

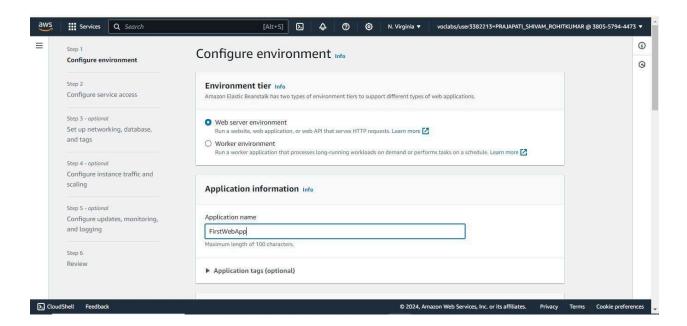
Step 1: Login to your AWS console. Search for Elastic Beanstalk in the searchbar near services.



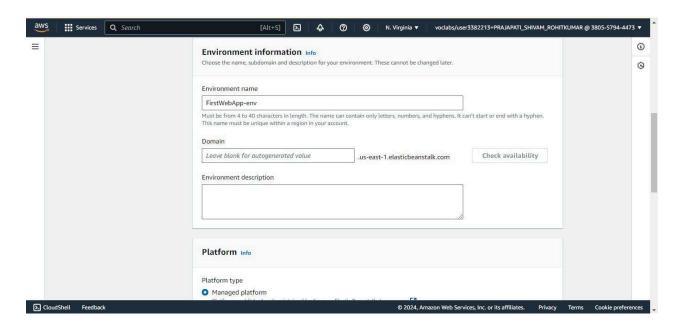
**Step 2:** Go to Elastic Beanstalk and click on Create Application



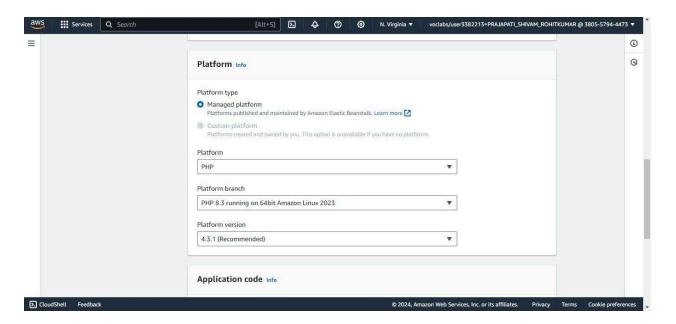
**Step 3:** Enter the name of your application. Scroll down and in the platform, select platform as PHP. Keep the application code as Sample Application. Set the instance to single instance. Click on NEXT.

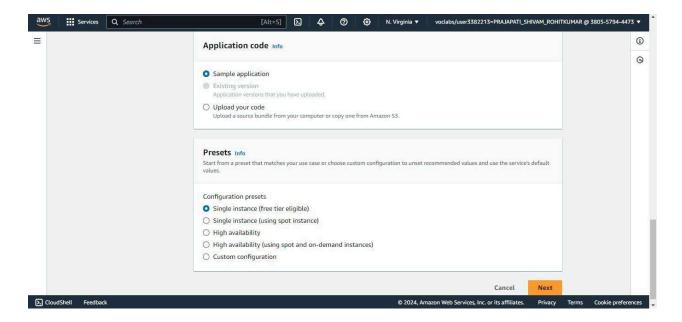


(Scroll Down)



(Scroll Down)



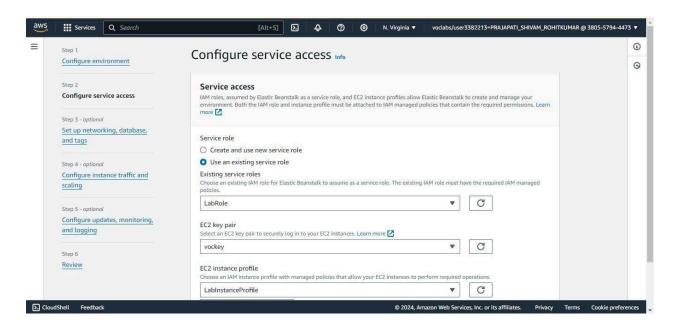


(Click on Next)

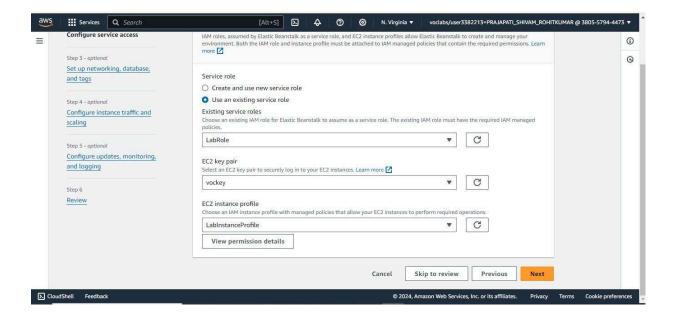
Div:D1 5C

Roll No:10

Step 4: Use an existing service role and choose whatever service role is present on your account



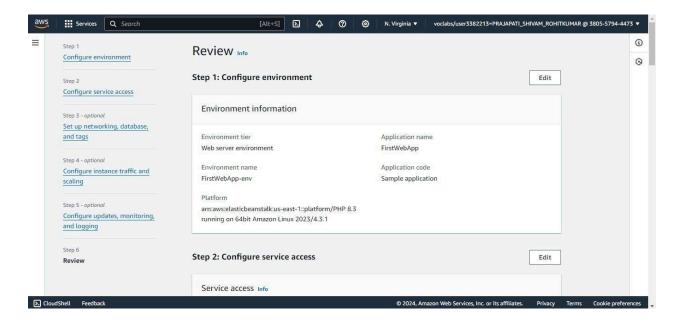
**Step 5:** Click on Skip to Review



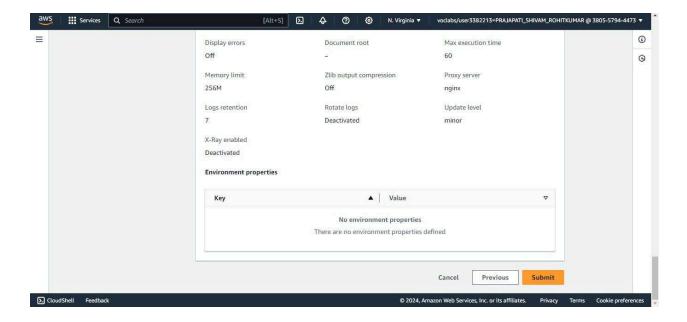
Div:D1 5C

Roll No:10

Step 6: Review the settings that you have set up for your application and submit your application



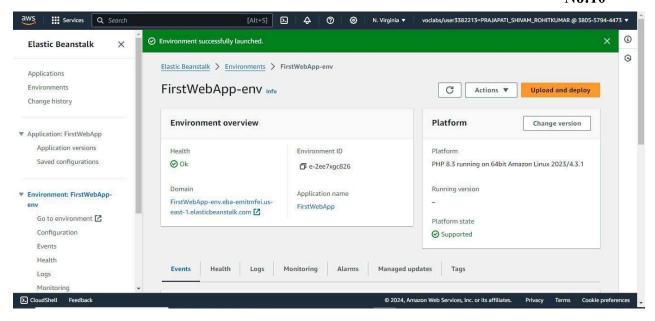
## (Scroll Down)



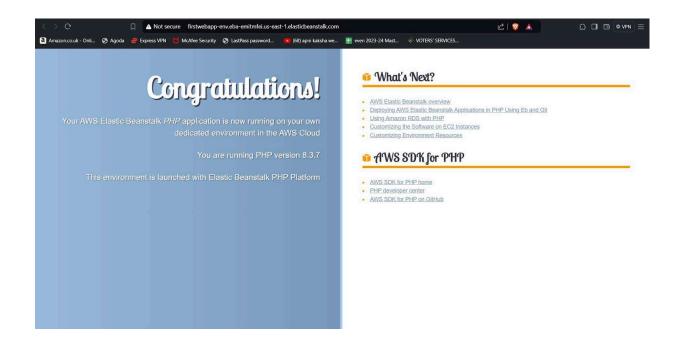
(Click on the Submit)



Roll No:10



(Click on the link under domain it will redirect to a new page )

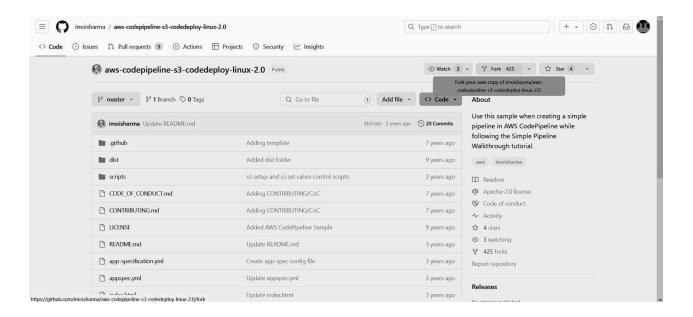


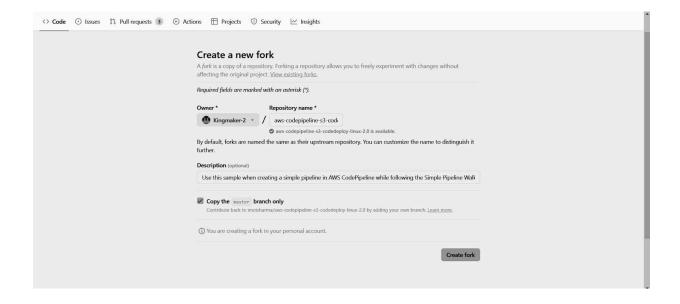
Div:D1

Roll No:10

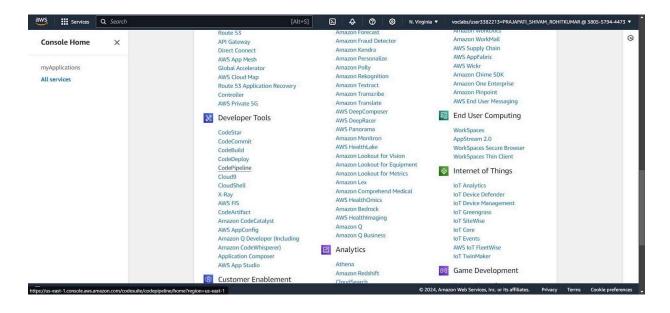
**Step 7 :** Go to the github link below. This is a github with a sample code for deploying a file on AWS CodePipeline. Fork this repository into your personal github.

https://github.com/aws-samples/aws-codepipeline-s3-codedeploy-linux

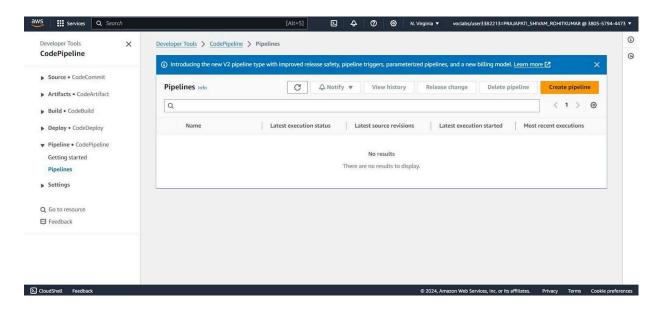




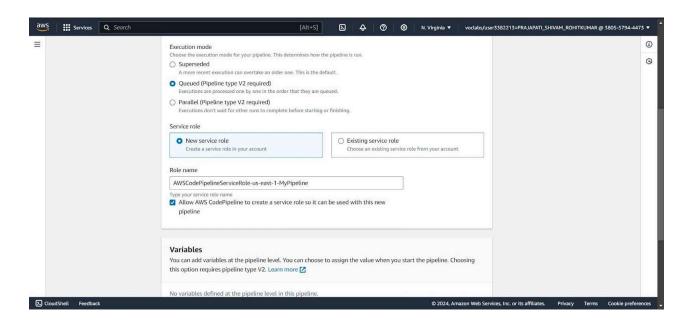
Step 8: Search CodePipeline in the services tab and click on it.

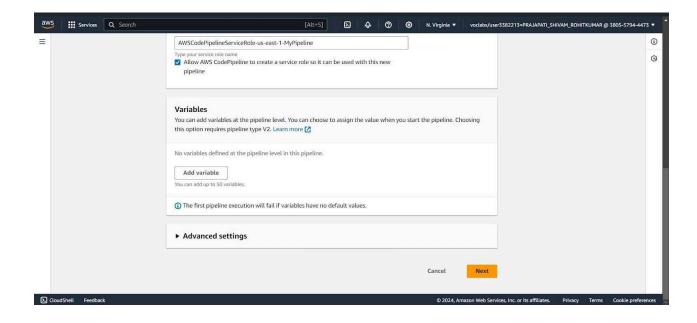


Step 9: Click on Create Pipeline.

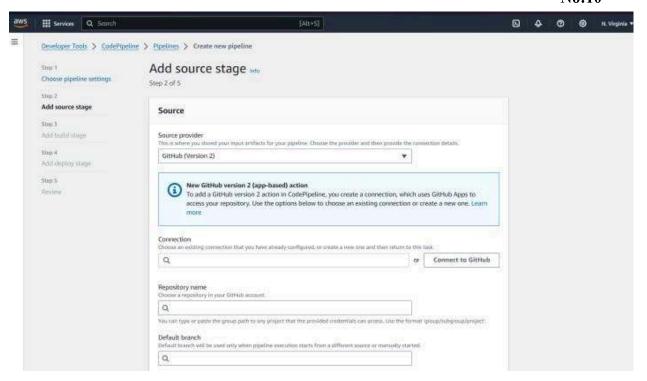


**Step 10:** Give a name to your Pipeline. A new service role would be created with the name of the pipeline.

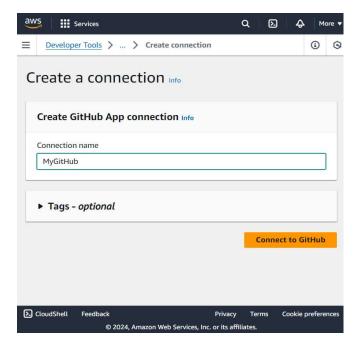


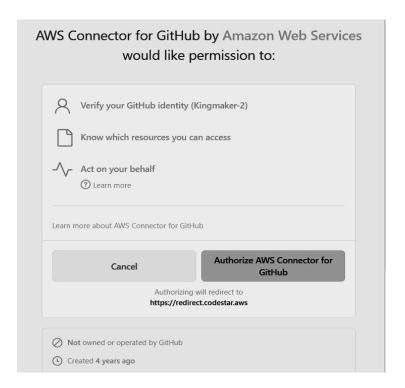


**Step 11:** Select a source provider (as GitHub Version (2)). Click on connect to Github (*This part have to be done in the personal account of aws as in academy account it wont allow you to create pipeline with github version 1 or 2)* 

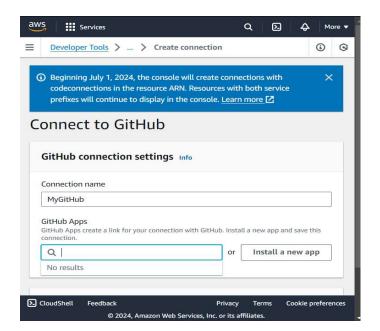


**Step 12:** Give a name to your GitHub app Connection and click on Connect. This will give you a prompt to either to select a GitHub app or to install a new app. If it is your first time, click on Install a new app.

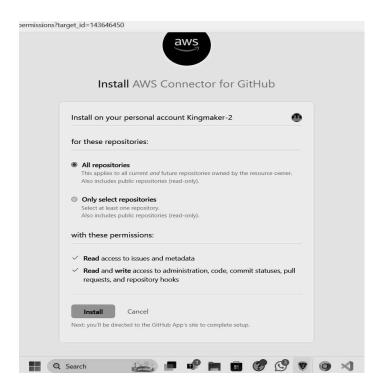




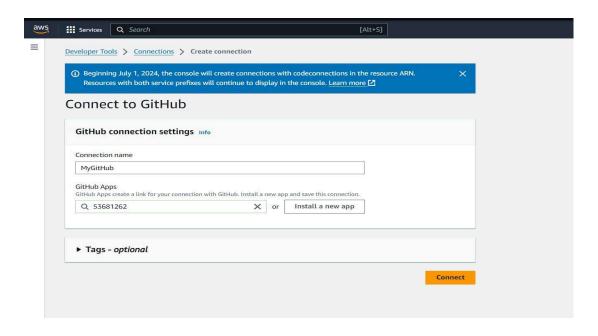
## (Click on Authorize)

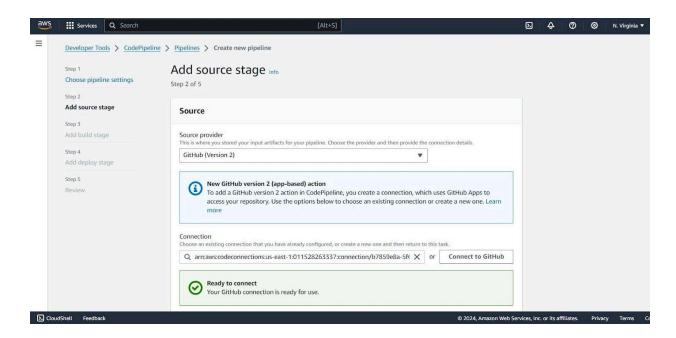


**Step 13:** This will direct you to install AWS connector on your GitHUb .Install it to your account and give it its permissions

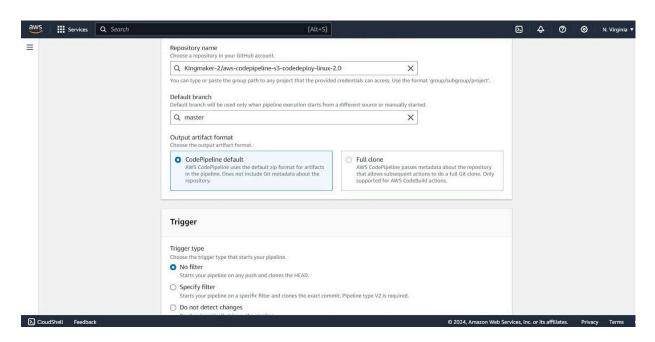


**Step 14:** After the app is set up, it gives the number in the text field. Click on Connect. After clicking on connect, the link is shown in the connection field and AWS shows that GitHub connection is ready to use.

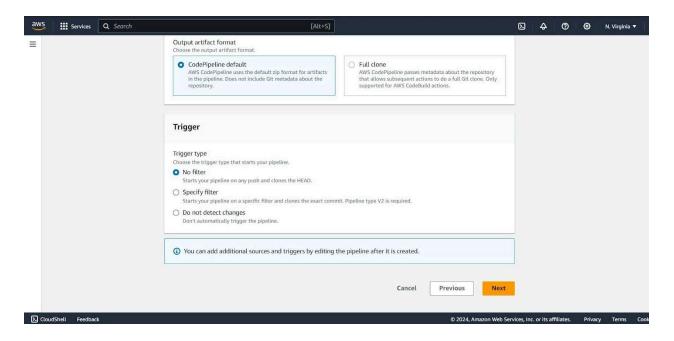




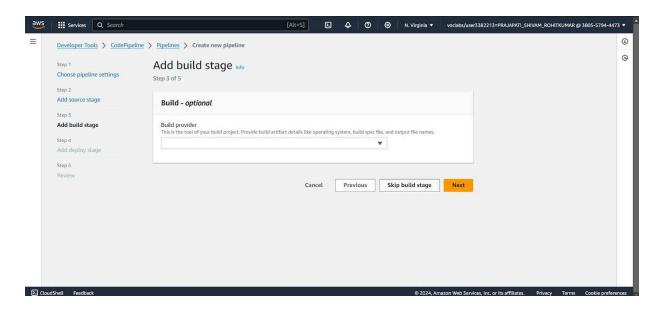
**Step 15:** Select the repository that you had forked to your GitHub. After that select the branch on which the files are present (default is Master).

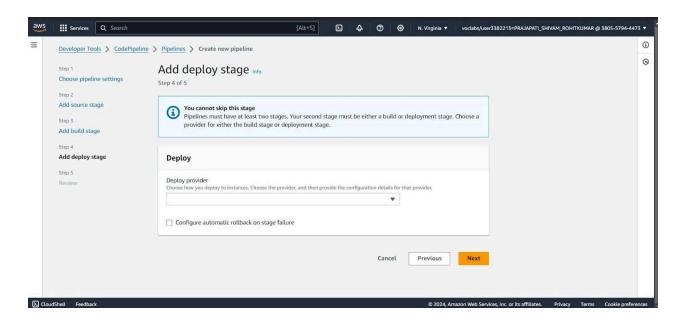


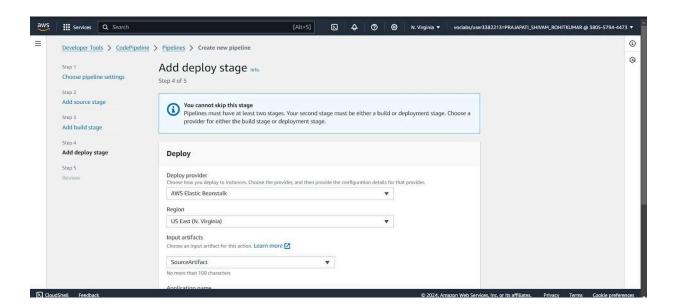
**Step 16:** Set the Trigger type as no filter. This would allow it to the website to update as soon as some change is made in the github.

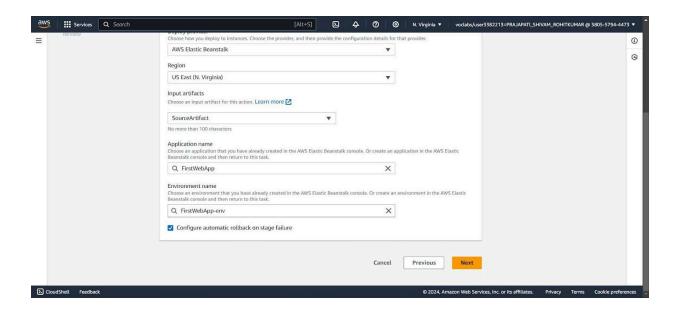


**Step 17:** Skip the build stage and go to Deploy. Select the deploy provider as AWS Elastic Beanstalk and Input Artifact as SourceArtifact. The application name would be the name of your Elastic Beanstalk. Then click on next.

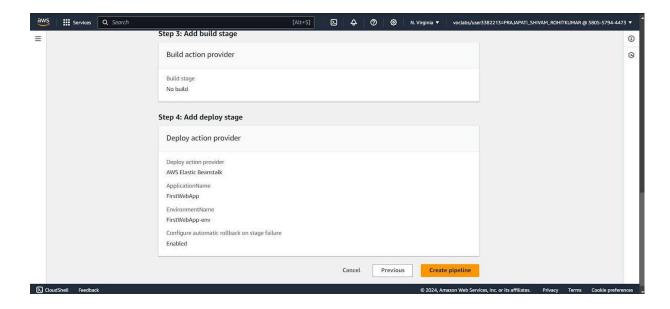








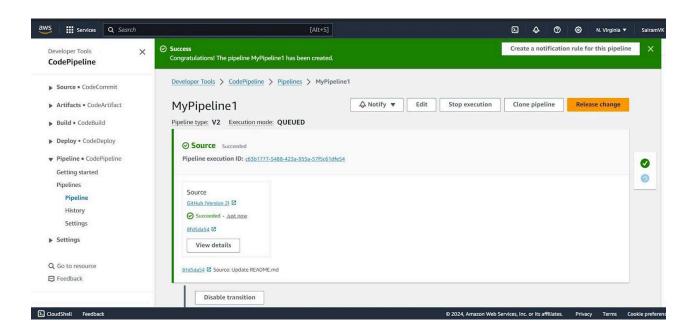
Step 18: Check all the information and click on create Pipeline

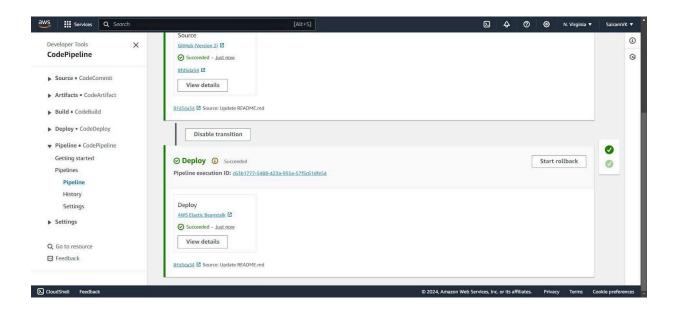


Div:D1 5C

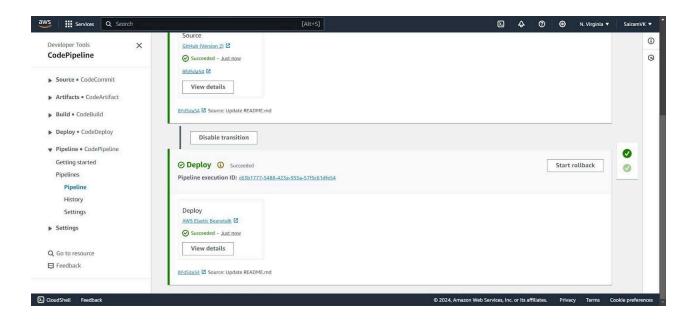
Roll No:10

**Step 19:** If the pipeline is successfully deployed, this screen comes up where the source is set up and then it is transitioned to deploy

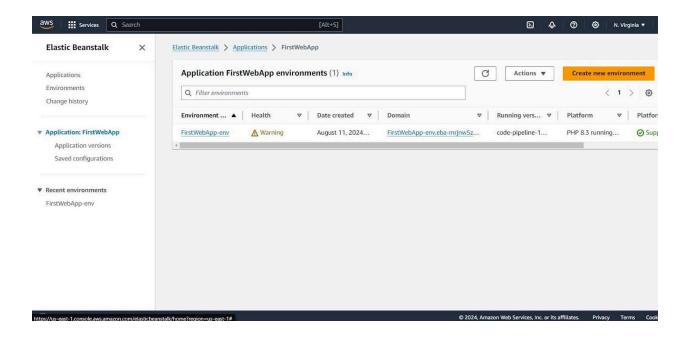




Step 20: Once the deployment is complete, click on the AWS Elastic Beanstalk under Deploy.



**Step 21:** This will redirect you to the application screen of Elastic Beanstalk. Click on the link shown under Domain



**Step 22:** This will successfully show the sample website hosted.



Roll No:10



**Step 23:** Now, we make some changes to the index.html file in the github. For eg: If you make some changes to the tag .Once the changes are committed ,when the website is refreshed ,the changes will be seen.

