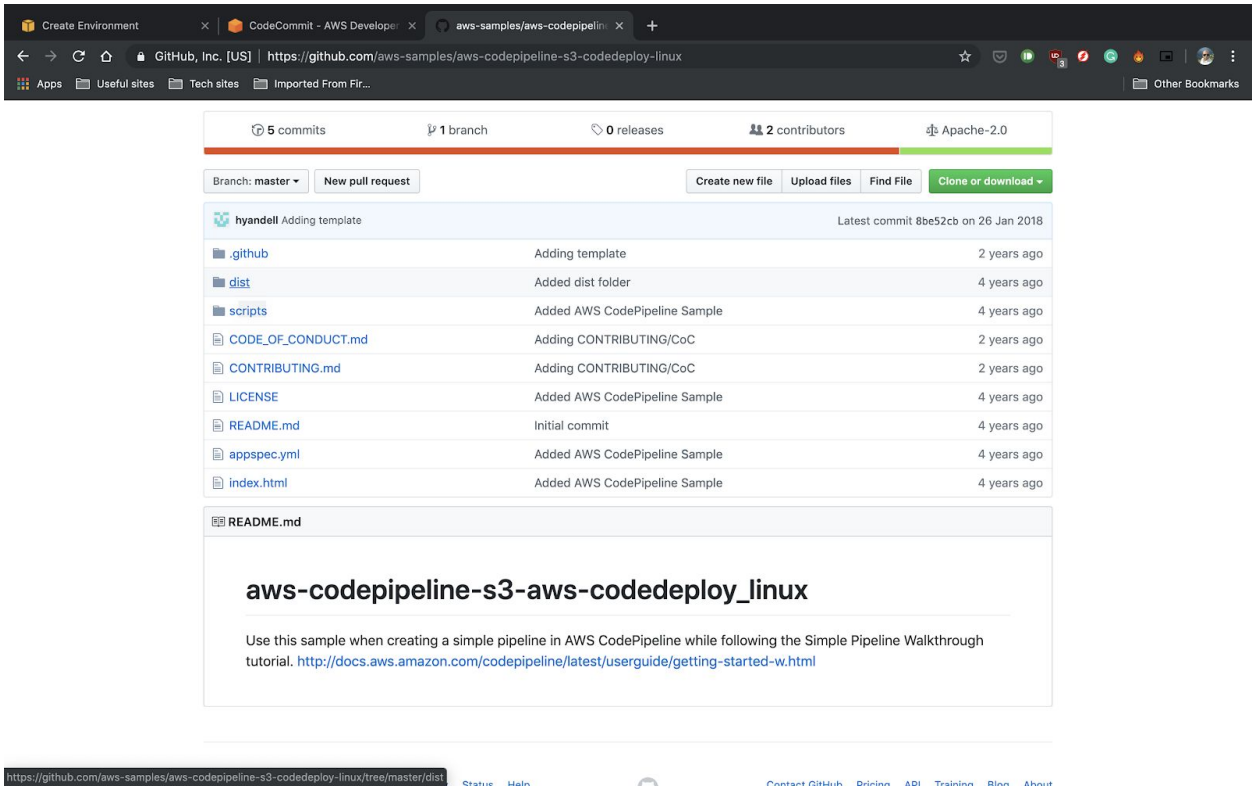
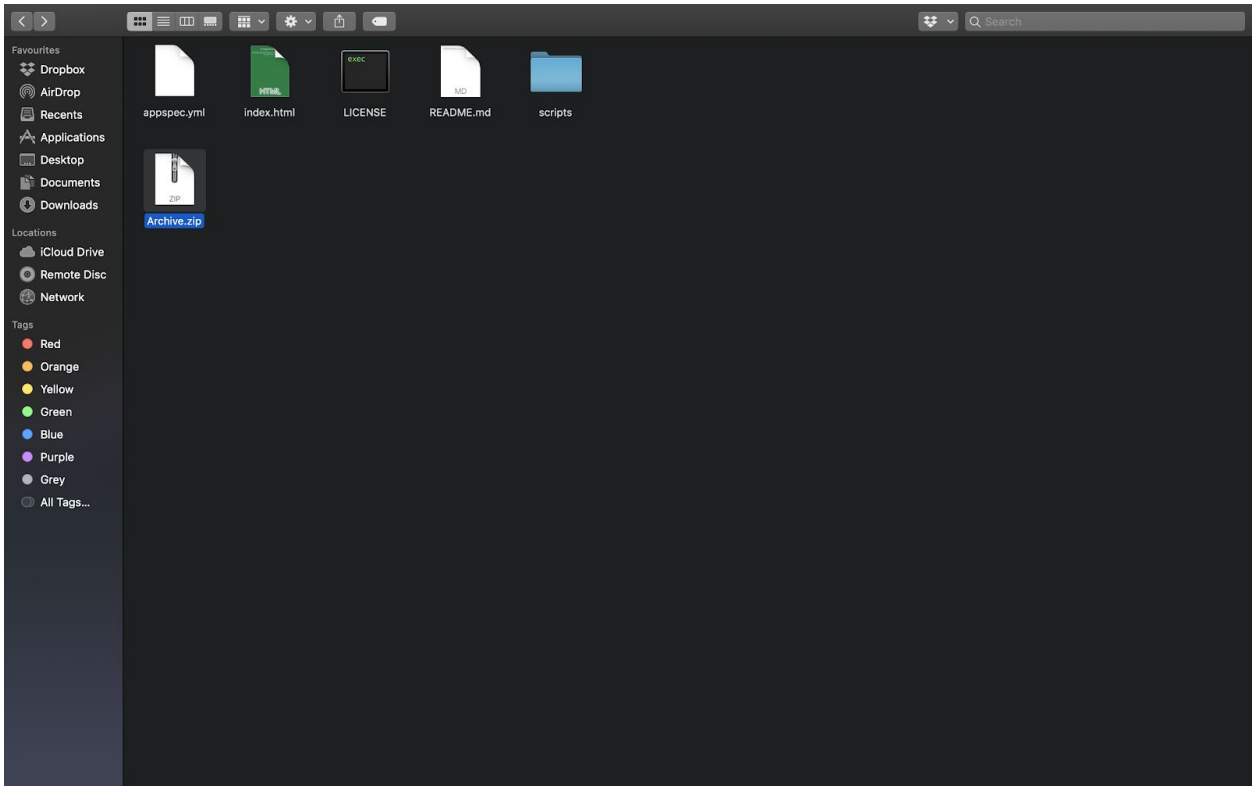
Creating CodePipeline

1) Go to the following link for the sample code
   https://github.com/awslabs/aws-codepipeline-s3-aws-codedeploy_linux

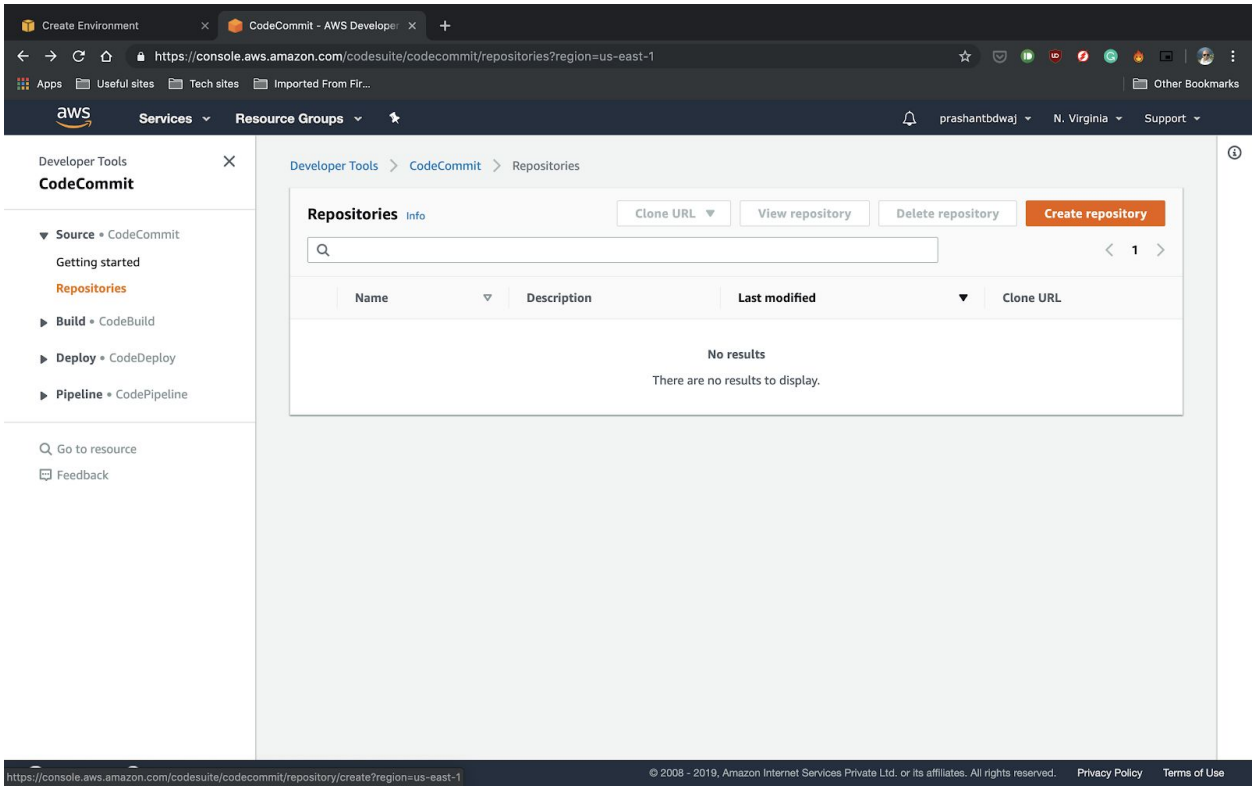


2) Select the *dist* folder.
3) Select the file named *aws-codepipeline-s3-aws-codedeploy_linux.zip.*
4) Select **View Raw.**
5) Save the file to your computer.

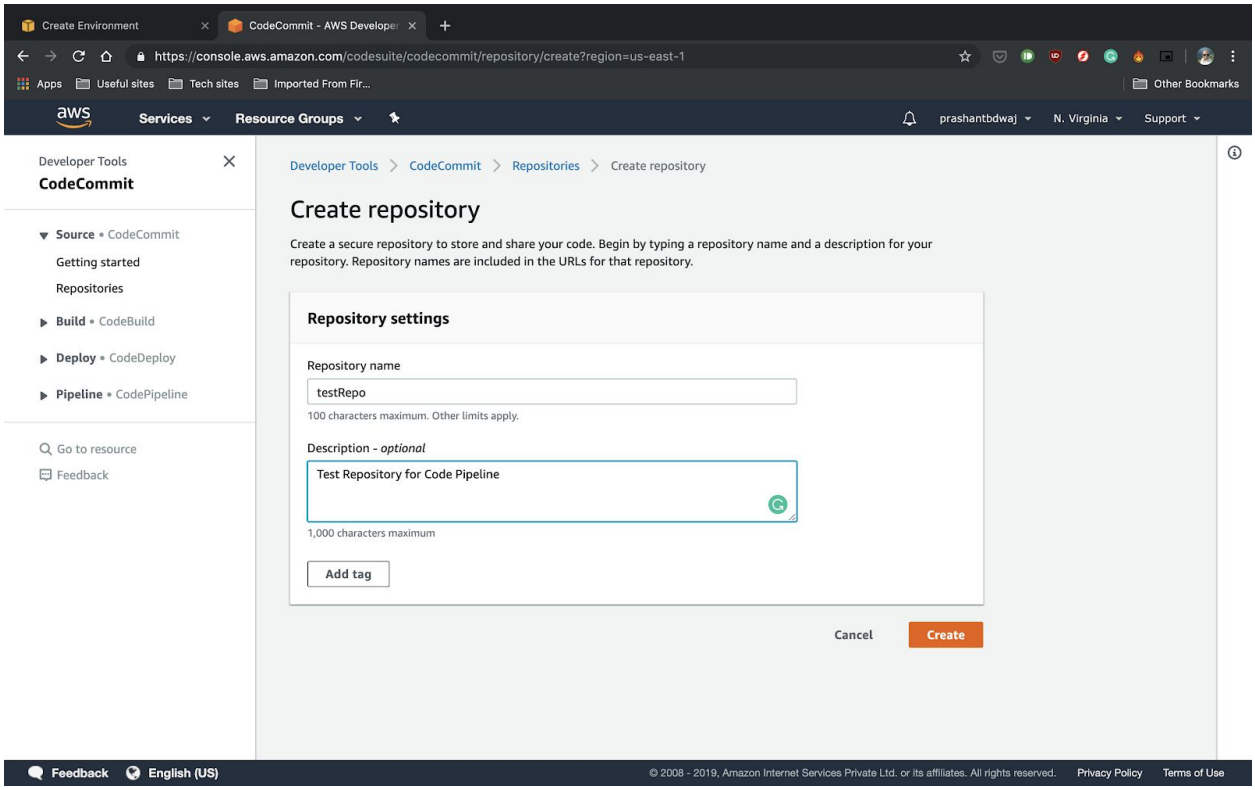
6) Unzip the file, open the folder created, select all the files inside and zip them again.



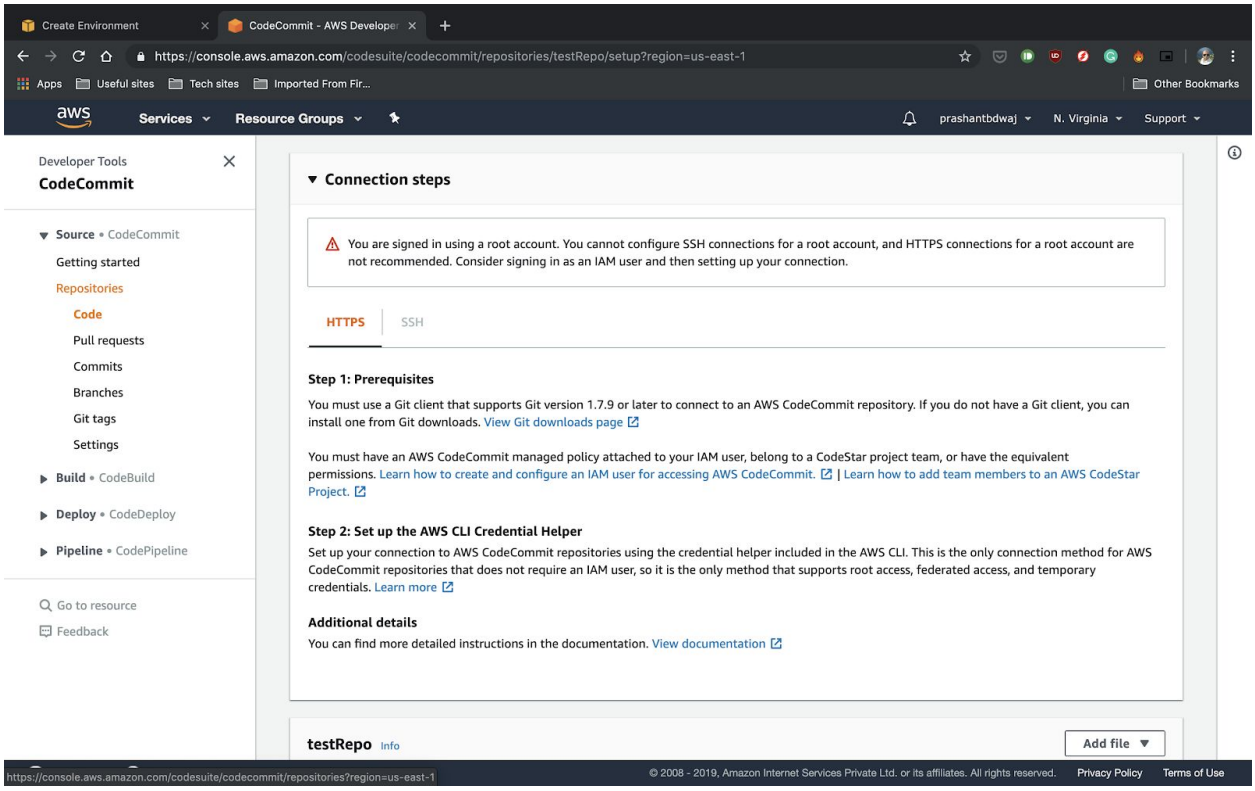
7) Open your AWS console and navigate to Code Commit.



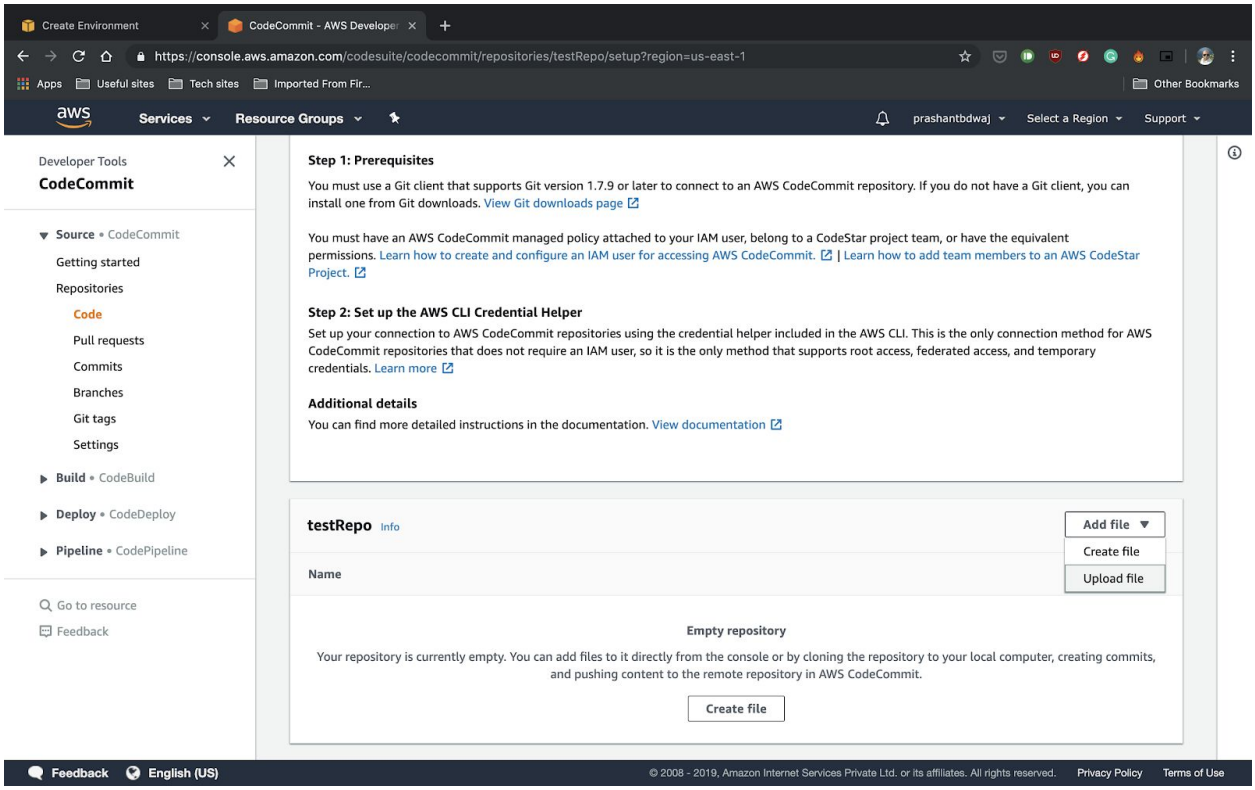
8) Click on **Create Repository.**



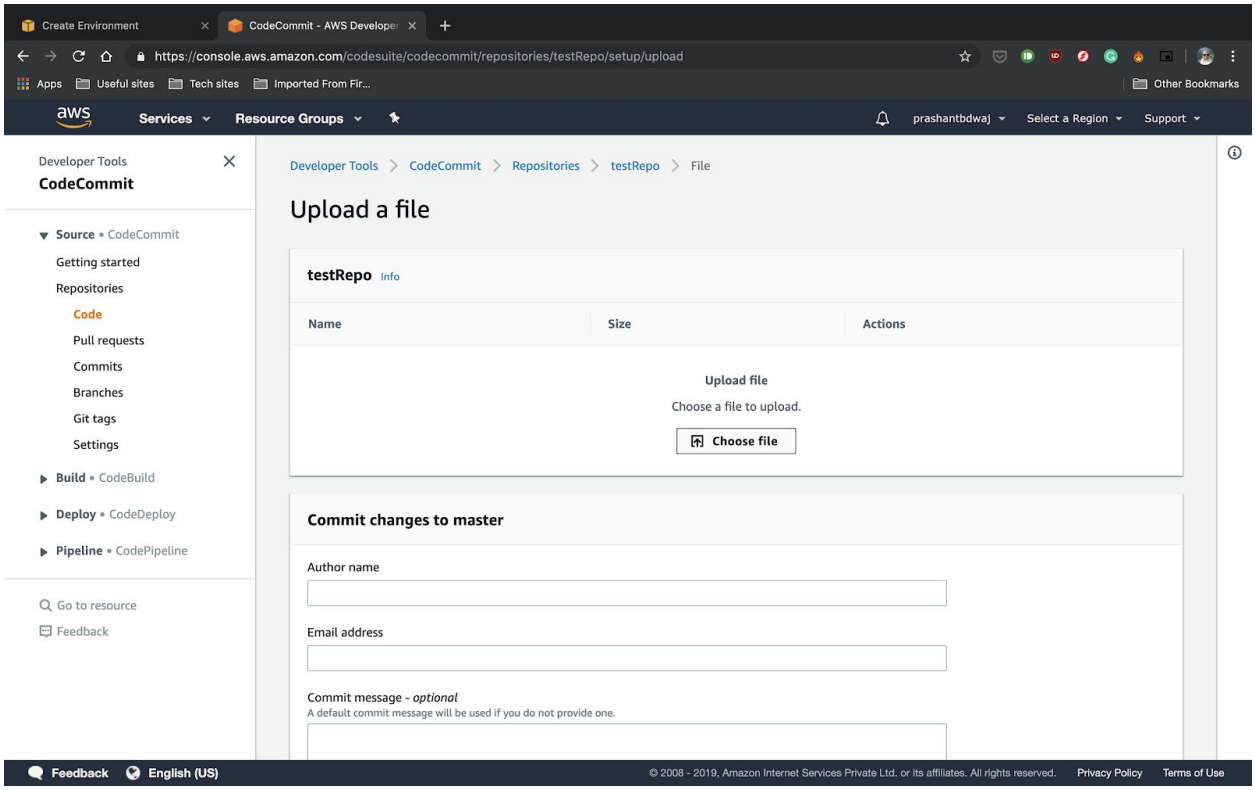
9) Enter a repository name and description and click on **Create.**



10) Select add file , then click on upload file

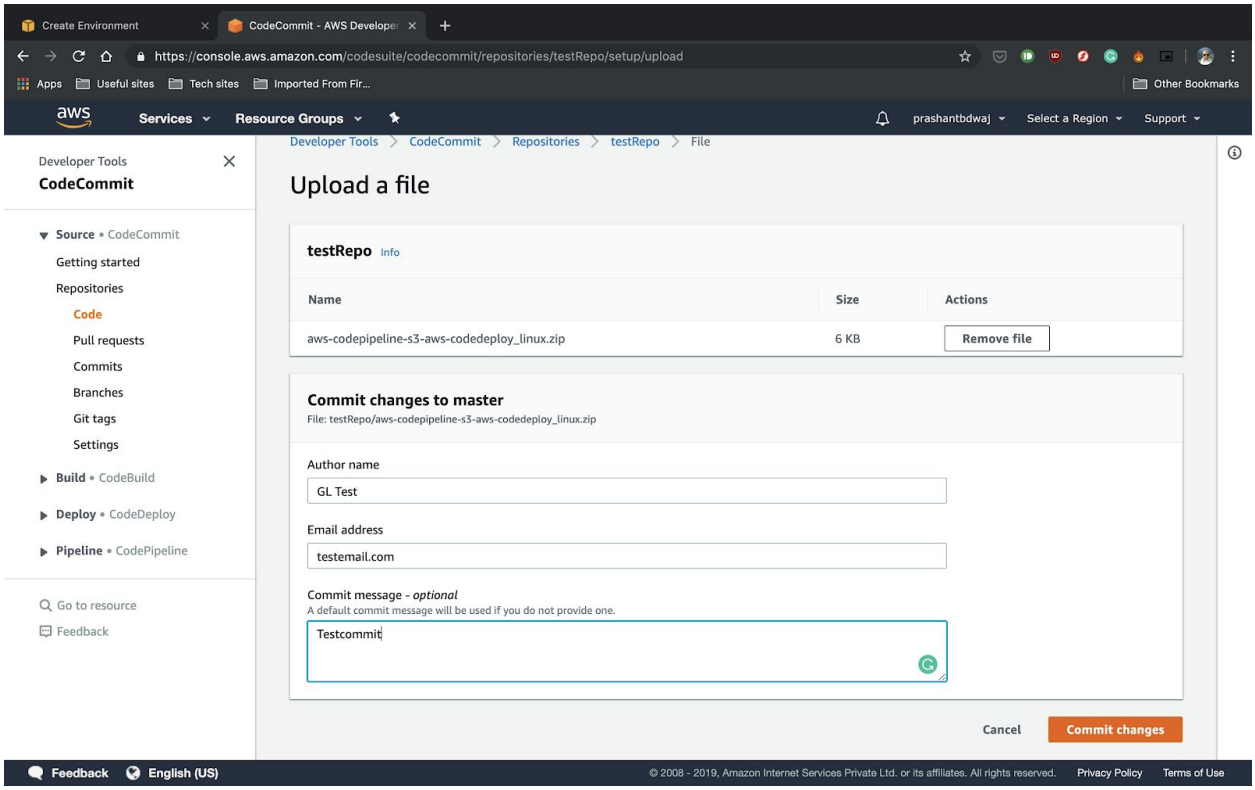


11) Click on **Choose file**

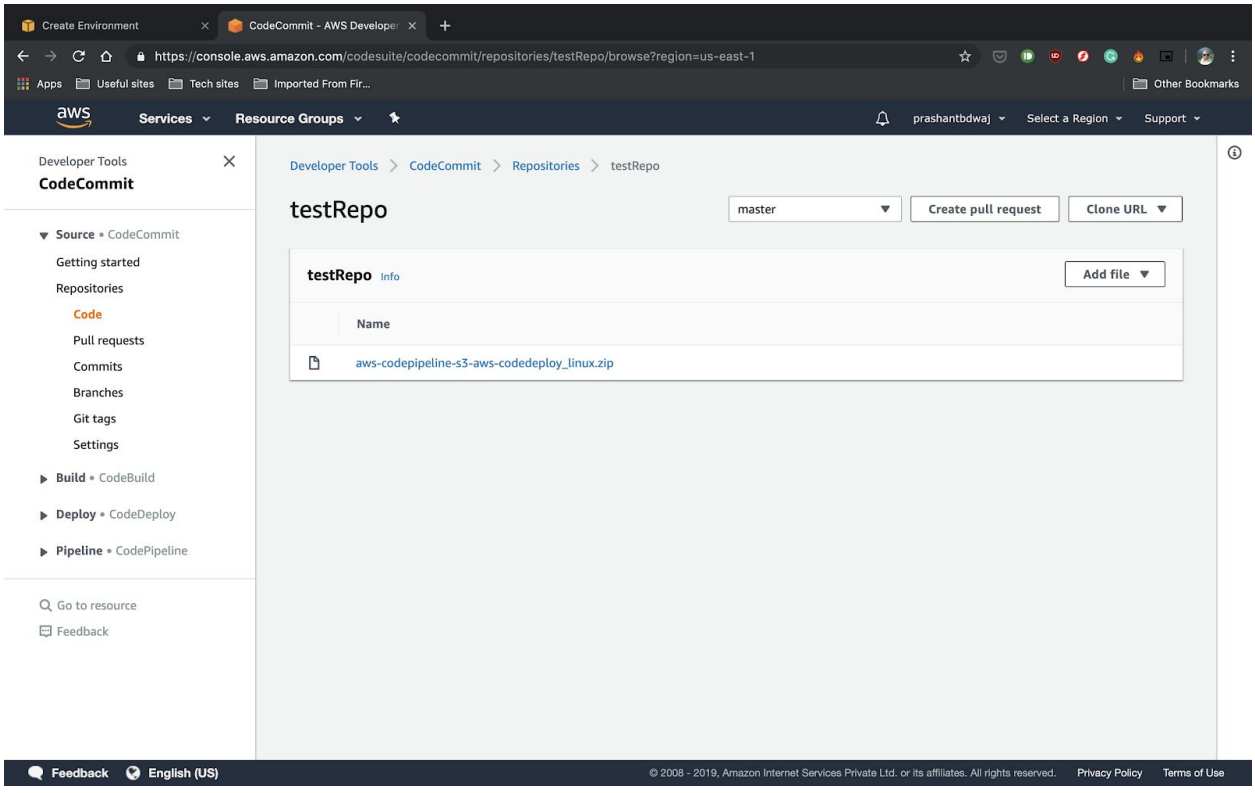


12) Select the zip file downloaded in step 5.

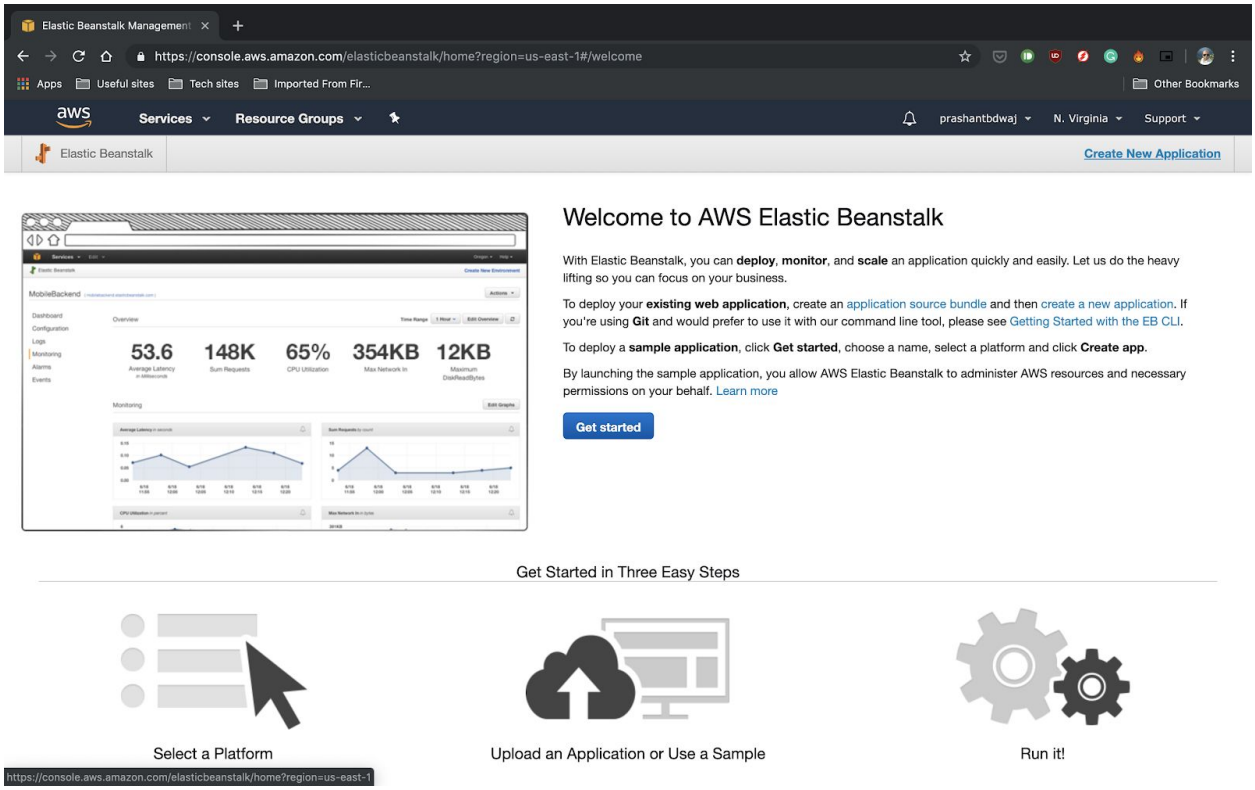
13) Add the author name, email address and commit message and click on **Commit Changes.**



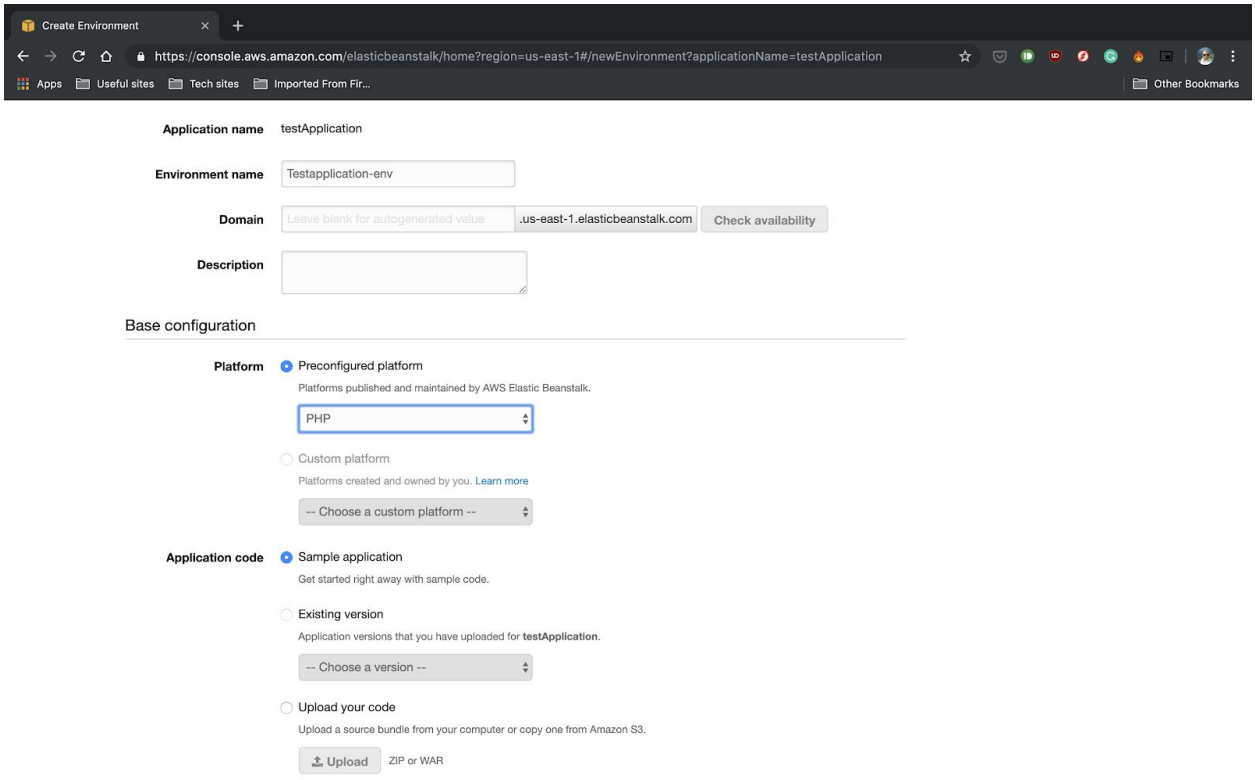
14) Confirm that the file has been uploaded to Code Commit.



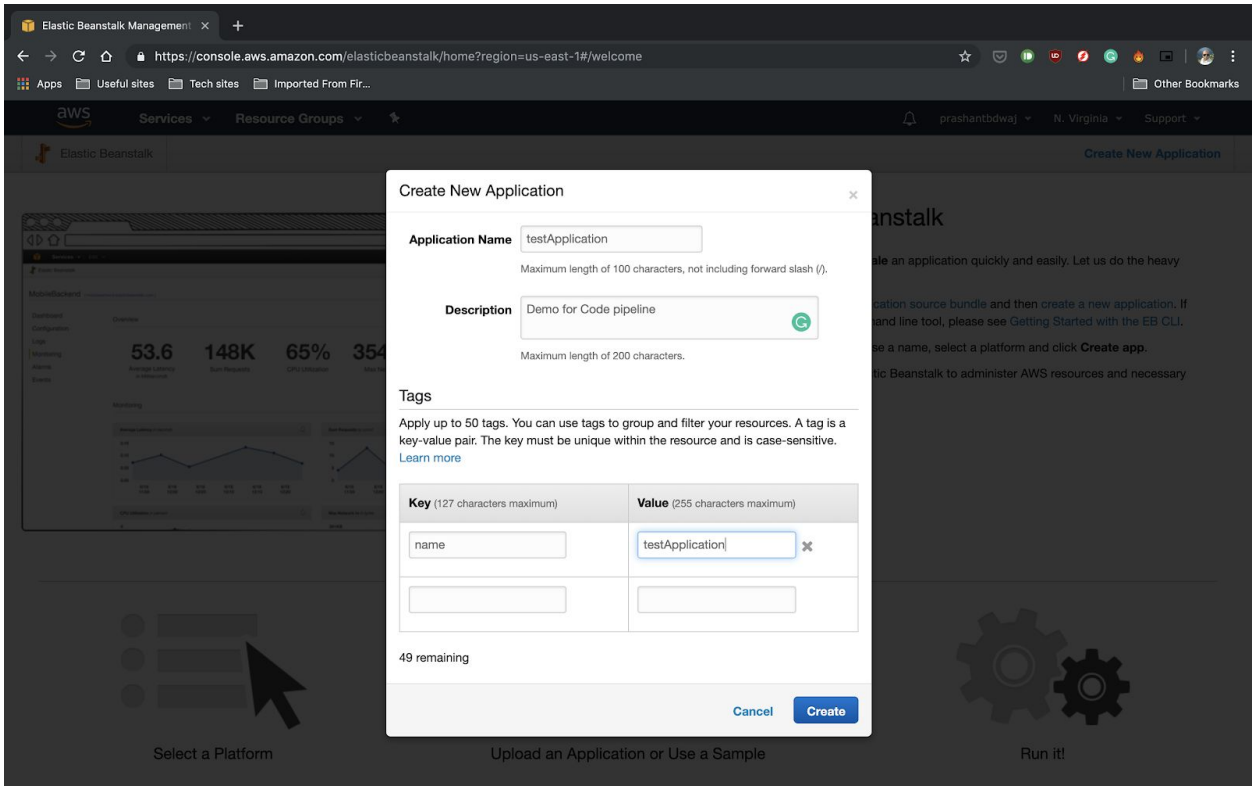
15) Navigate to Elastic BeanStalk using the **Services** menu at the top of the screen.
16) Click on “Create New Application” on the top right side



17) Enter the fields as shown below and click on Create Environment and the bottom of the screen.

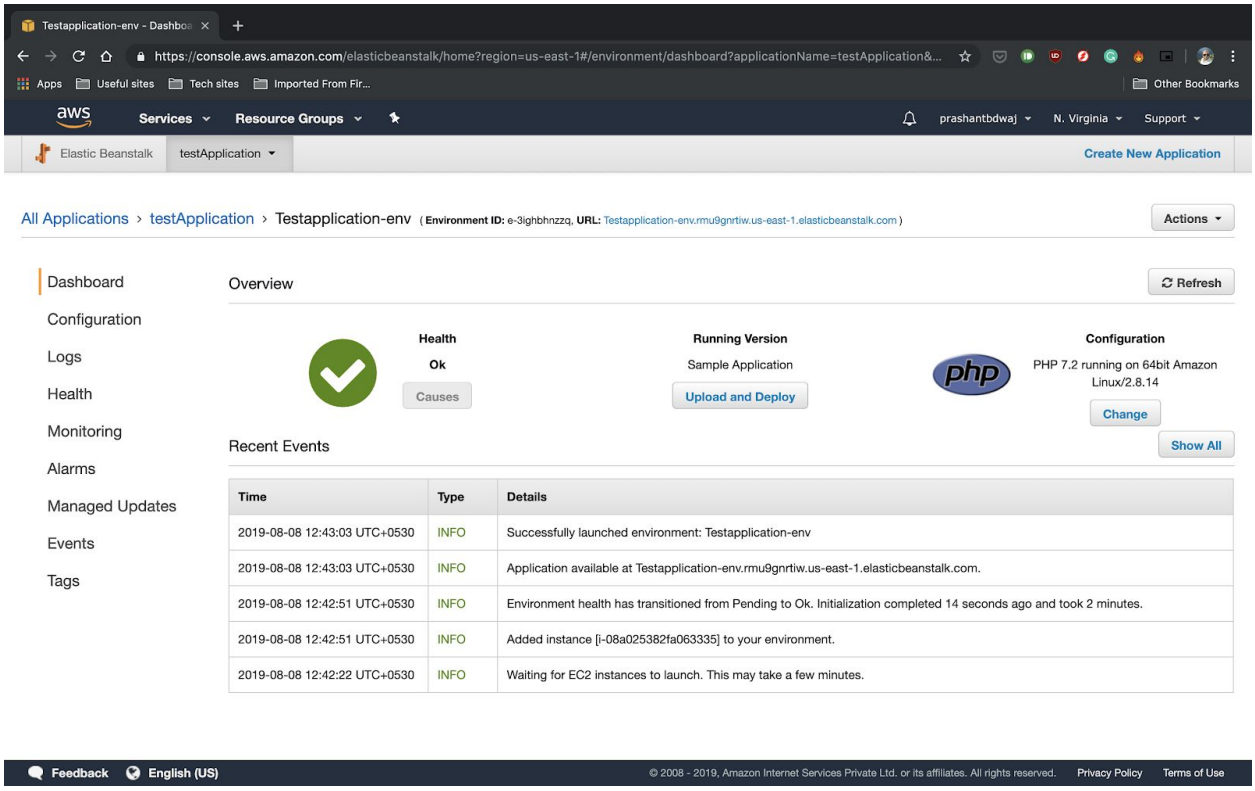


18) Enter an application name and description and click on “Create”.



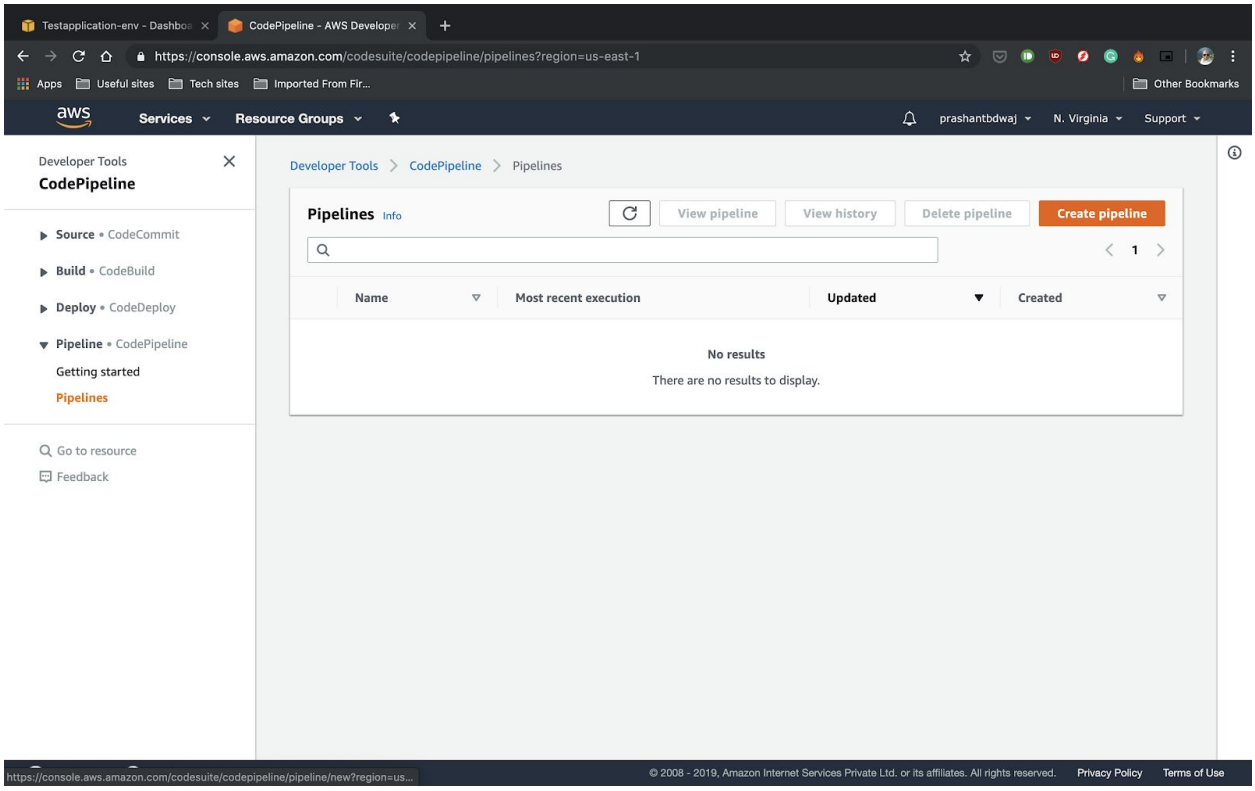
Elastic BeanStalk will typically take a few minutes to set up the environment

19) Once the environment is set up, you should see the screen below.

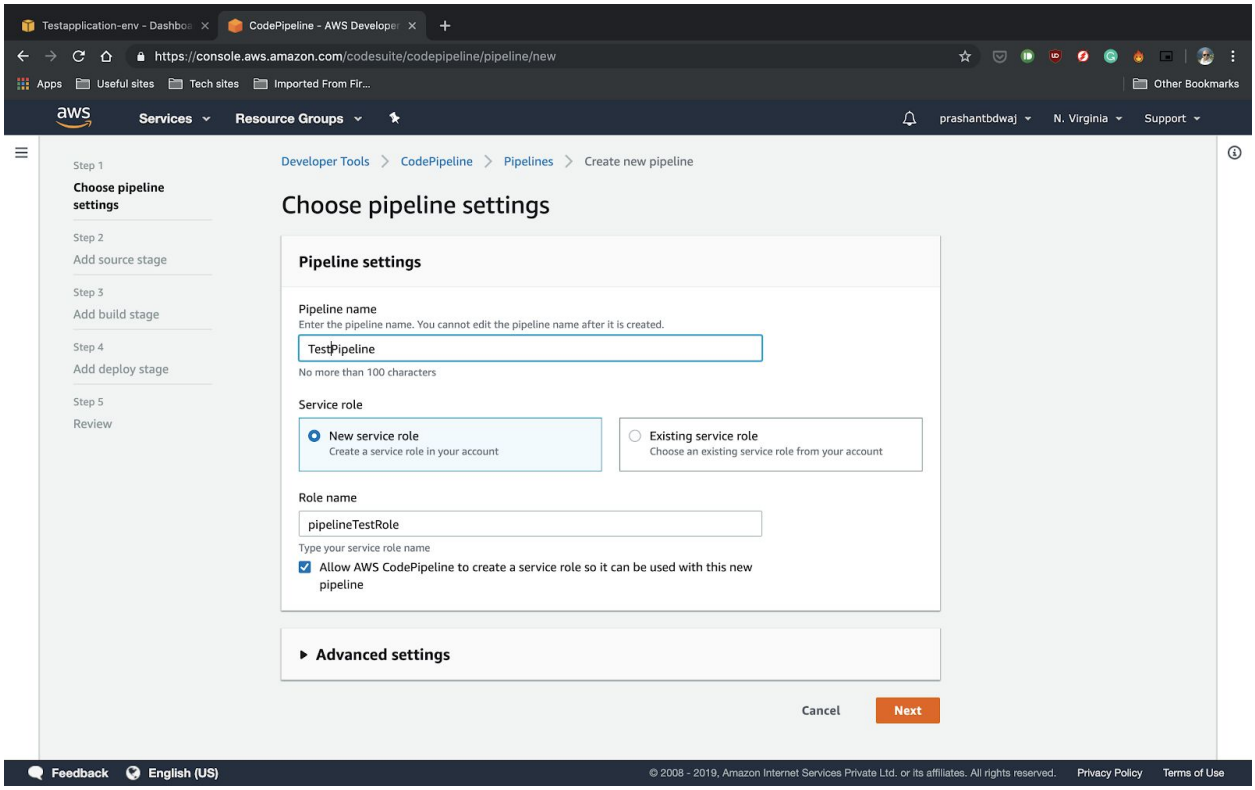


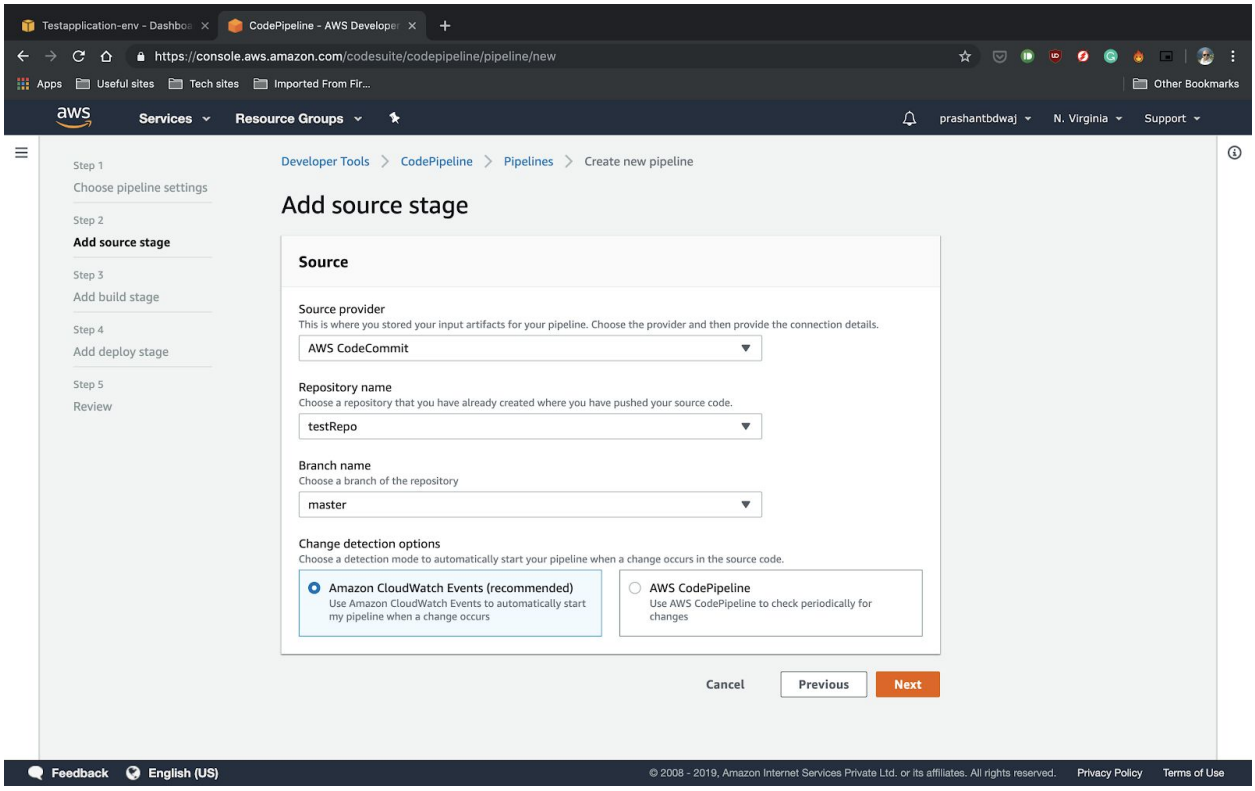
20) Navigate to Code Pipeline using the **Services** menu at the top of the screen.

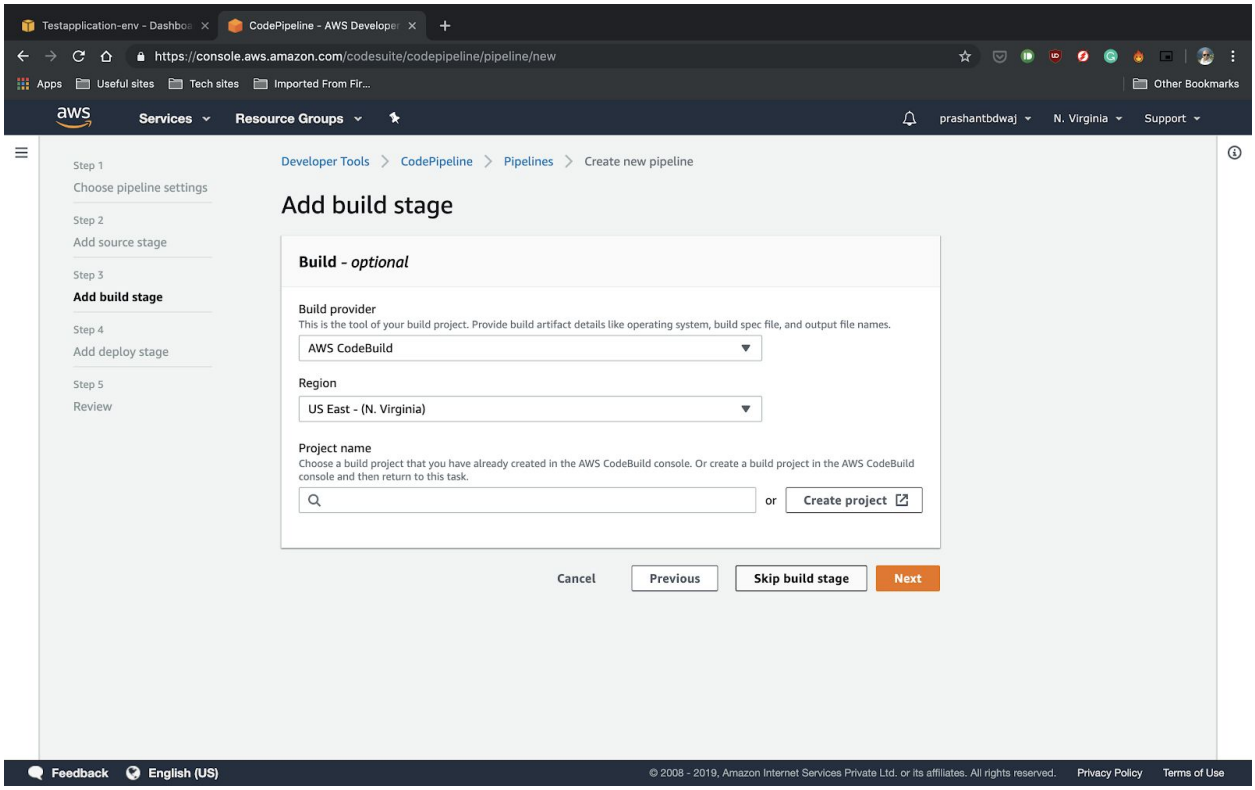
21) Click on **Create Pipeline.**



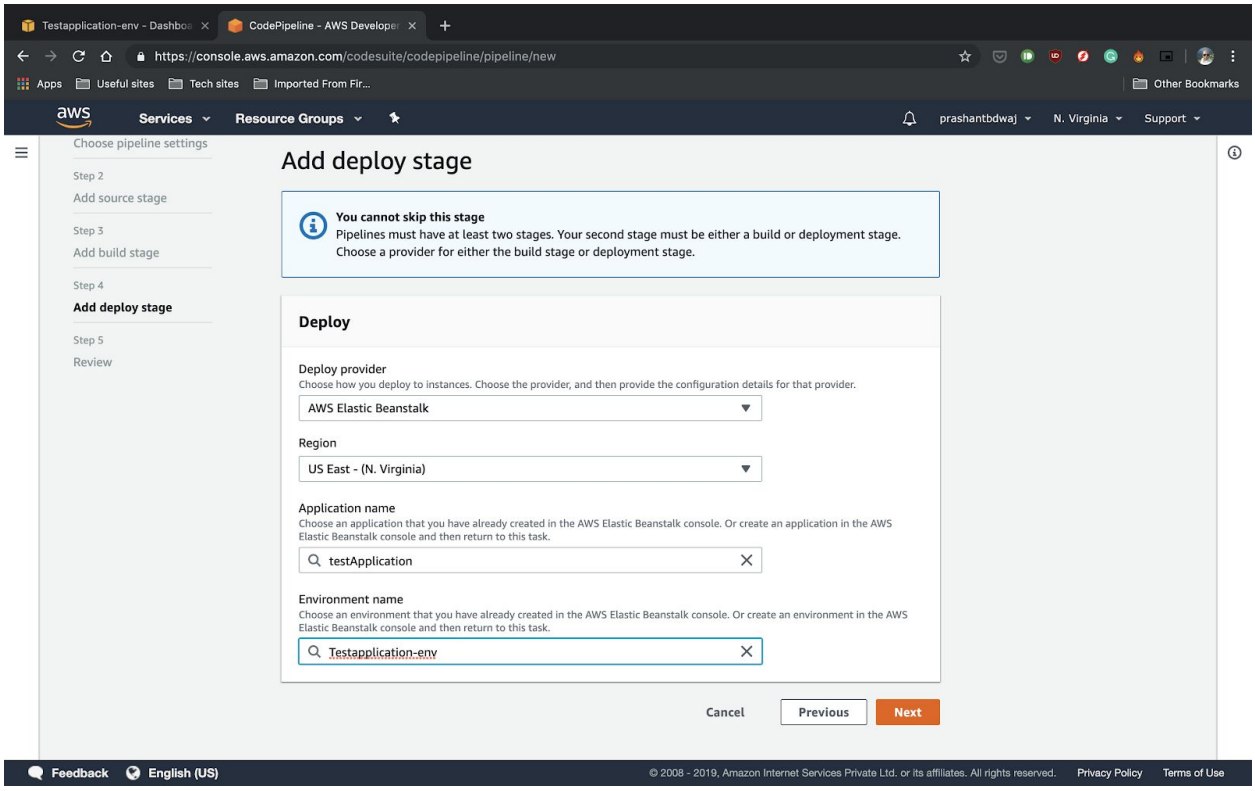
22) Enter the fields as shown below.

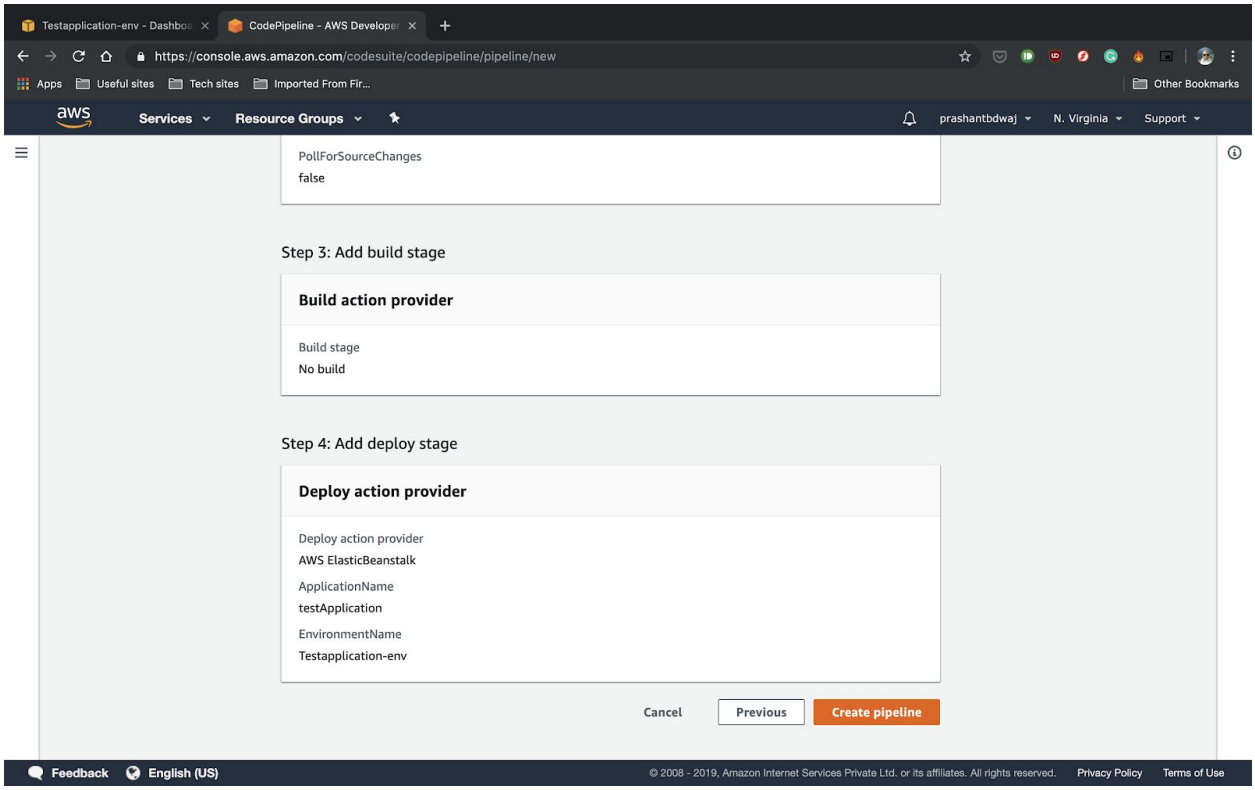






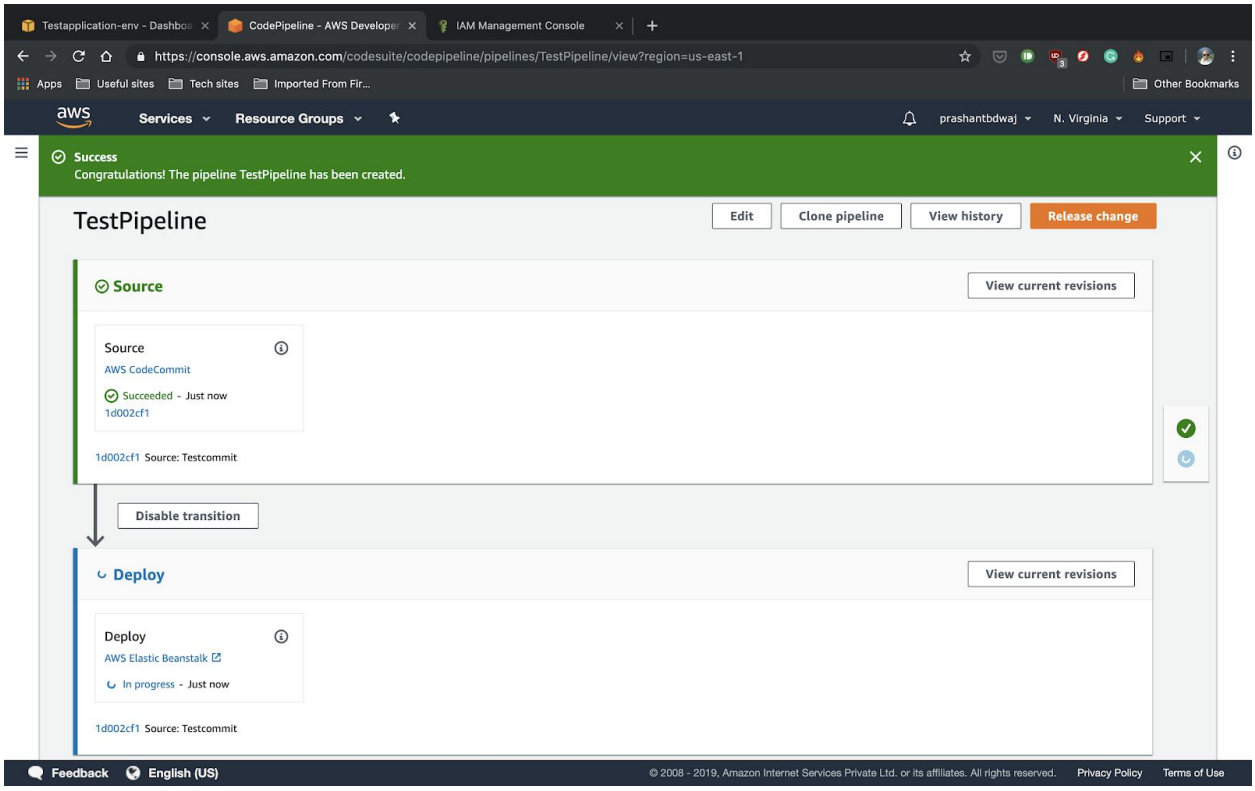
Click on **Skip Build Stage** here, since the sample code is already pre-built.





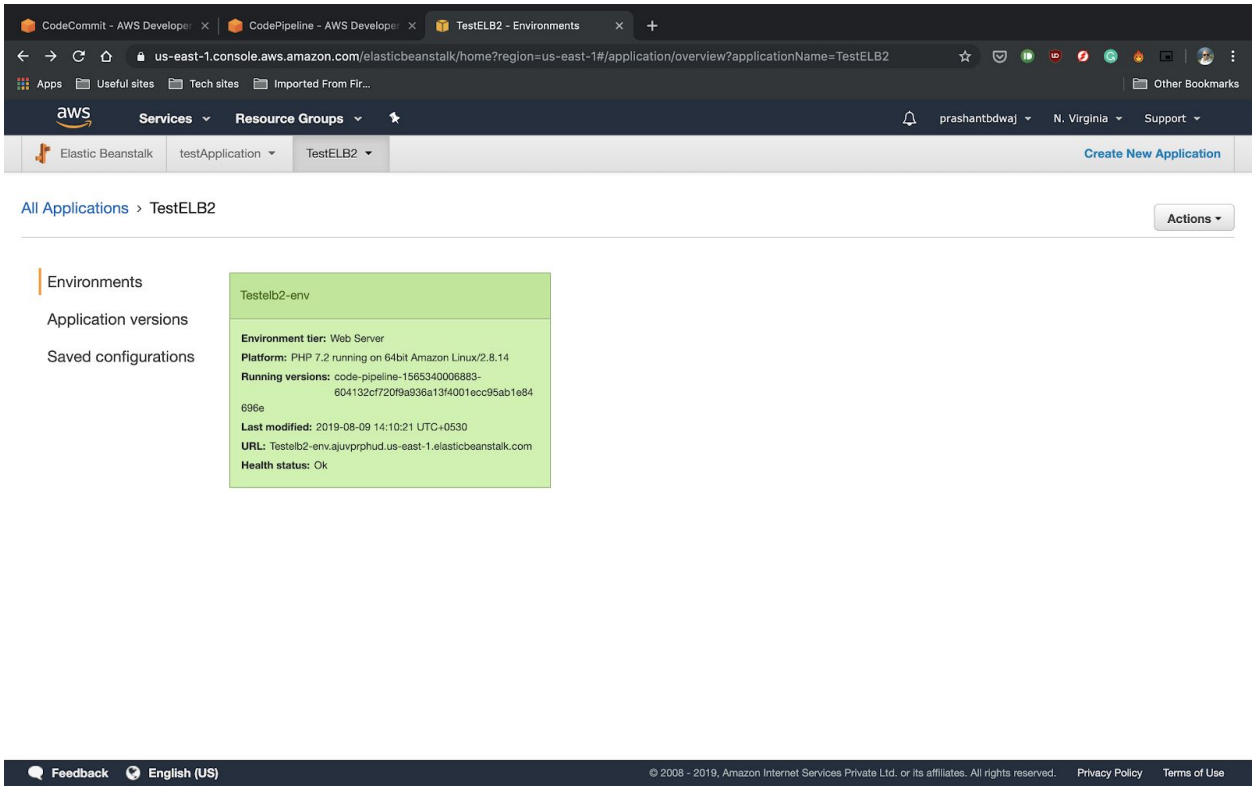
Click on **Create Pipeline** at the bottom of the screen.

23) You should see the screen below. Here, our source file has been processed while deployment via Elastic Beanstalk is ongoing. This process usually takes a few minutes.

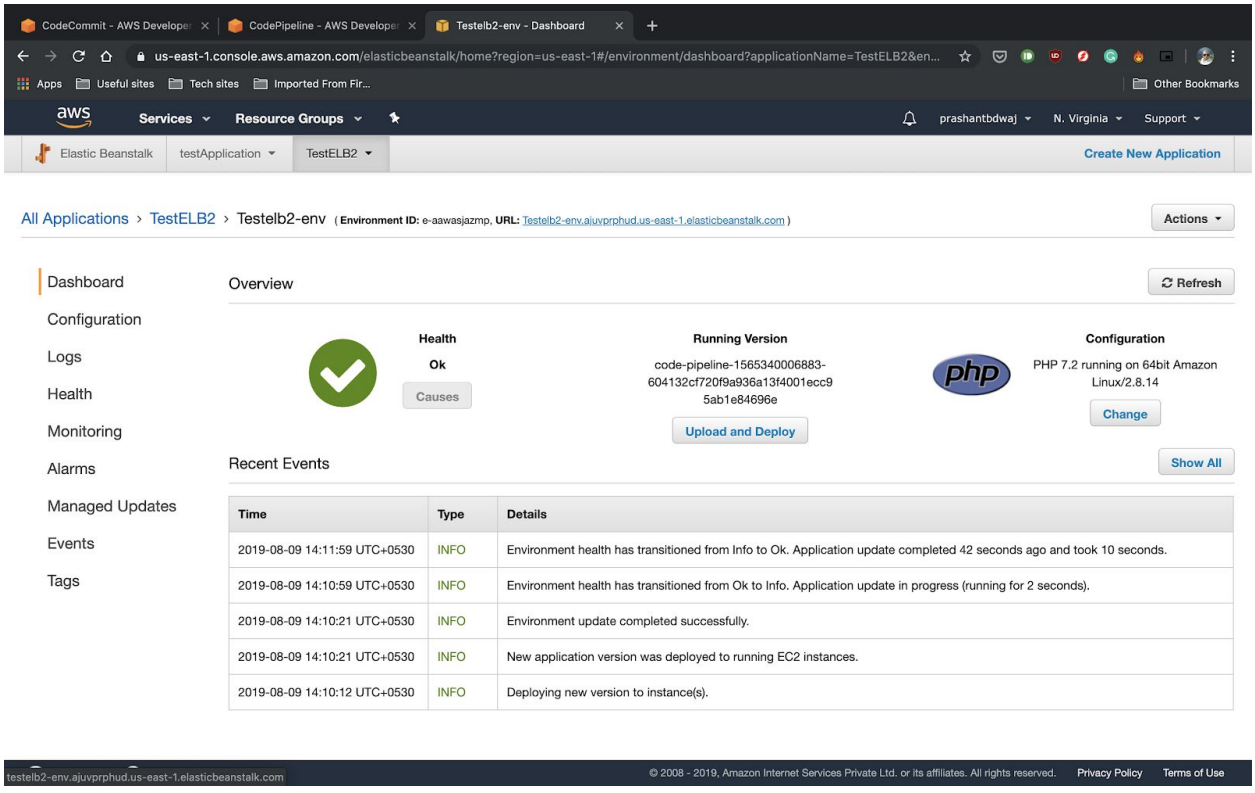


24) Click on **AWS Elastic Beanstalk** under **Deploy.**

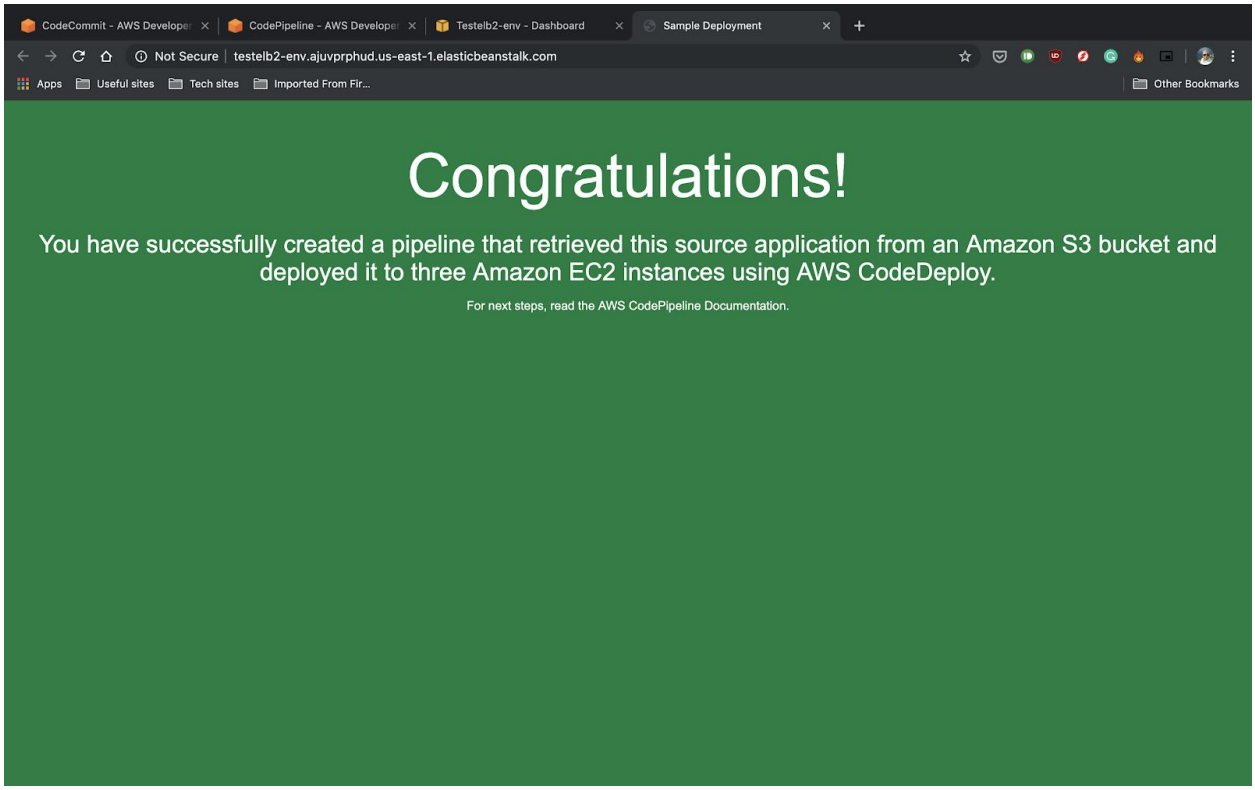
25) Click on the environment you have just deployed



26) Click on the **URL** at the top of the screen.

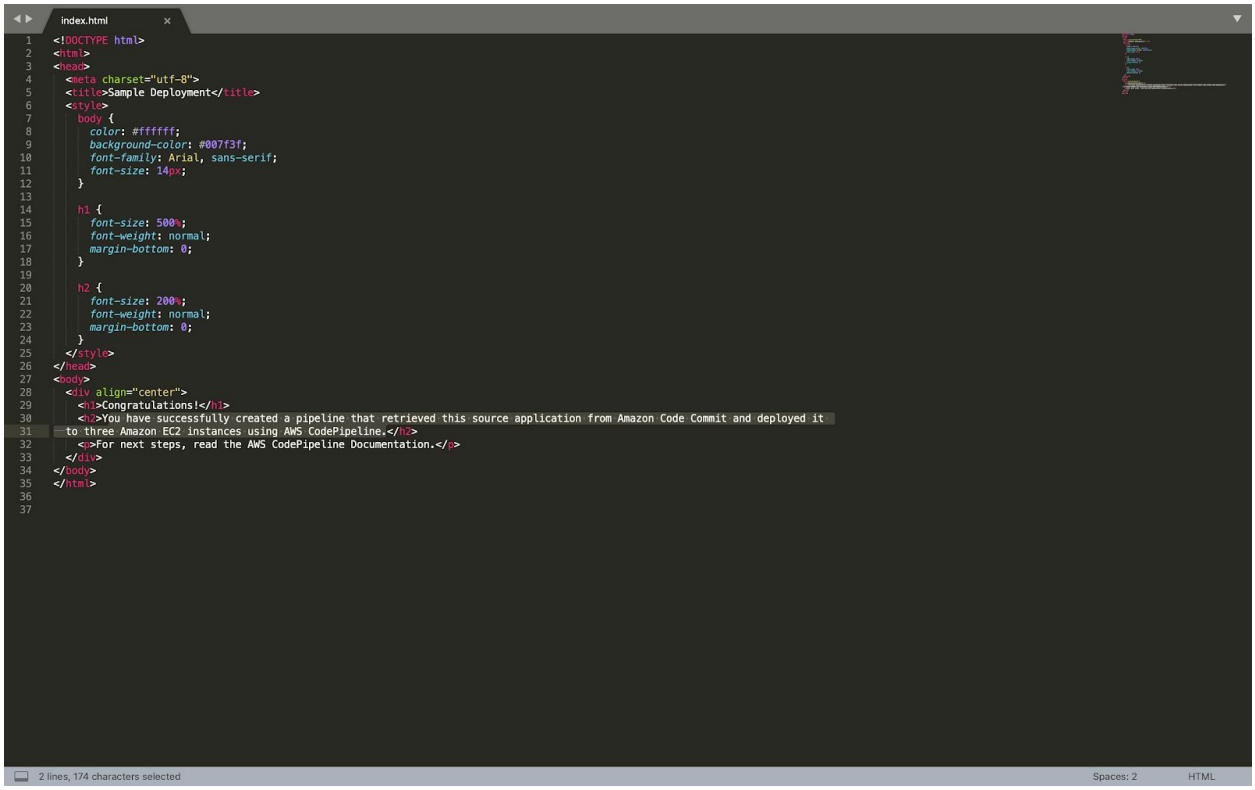


27) Congratulation! You have just deployed a webpage using AWS Code pipeline.



28) To perform an update to the app, find the file *index.html* in the files you had unzipped in step 6, open it in your preferred text editor and edit the highlighted lines as per your

needs.



29) Zip the files again with the same name, and reupload the file by repeating the steps 10-13.
30) Navigate to AWS CodePipeline and wait till the Source and Deploy section both turn green as before.

31) Refresh the webpage opened in step 27. If you still see the same page as before, wait a few minutes for Elastic Beanstalk to apply the changes.