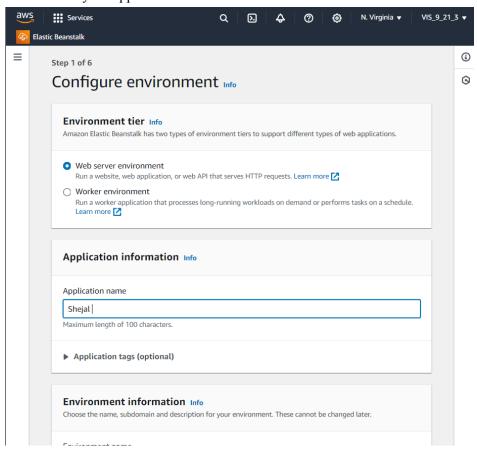
EXPERIMENT NO: 2

Div/Roll No: D15C/57

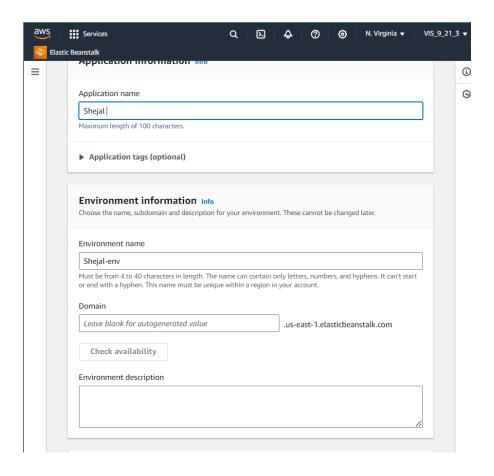
Aim: To Build Your Application using AWS CodeBuild and Deploy on S3 / SEBS using AWS CodePipeline, deploy Sample Application on EC2 instance using AWS CodeDeploy. Your continuous deployment pipeline will need a target environment containing virtual servers, or Amazon EC2 instances, where it will deploy sample code. You will prepare this environment before creating the pipeline.

1.Go to the <u>AWS Management Console</u> and navigate to Elastic Beanstalk. Click on **Create Application**.

Add name to your application



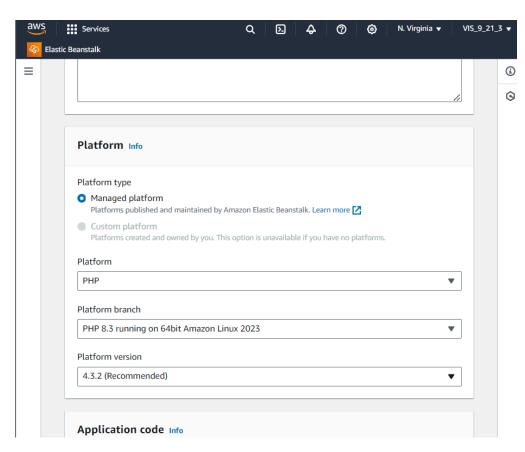




2. Configure PHP Environment:

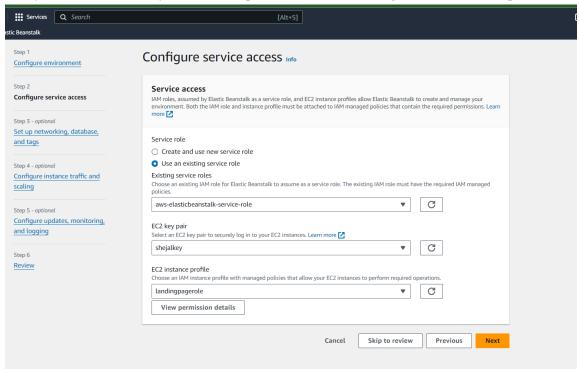
• Choose PHP as the platform for your Elastic Beanstalk environment, ensuring compatibility with your PHP application.

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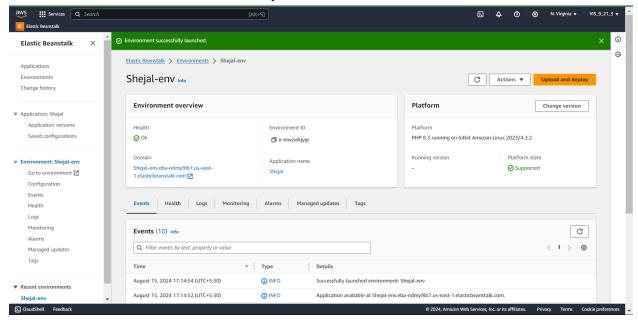
Div/Roll No: D15C/57

3.In configure service access select "use an existing service role" Also you need to create key and instance profile first before adding it in the below dropdown.

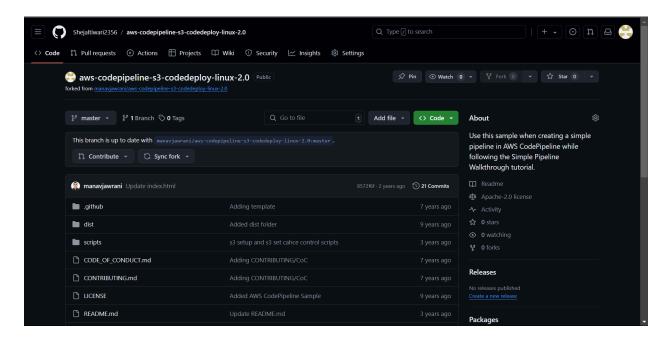


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4.Directly select next to all the optional settings. Your environment will be created successfully.



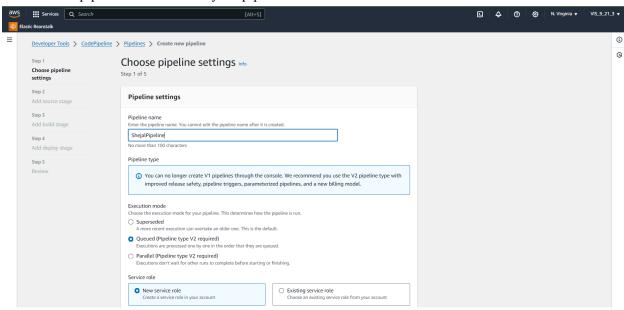
5. You need to fork this repository.



6.Open CodePipeline:

- Navigate to the AWS Management Console and open CodePipeline.
- Click "Create pipeline."

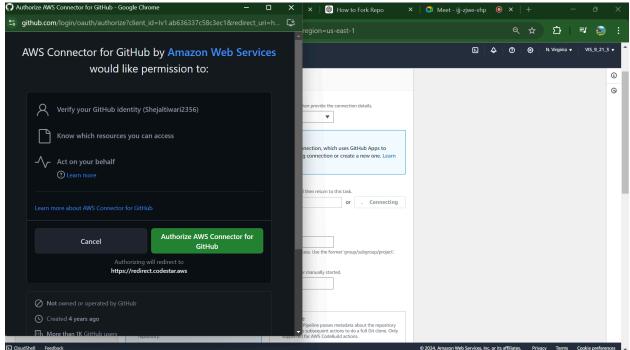
Create a codepipeline add name for your pipeline.



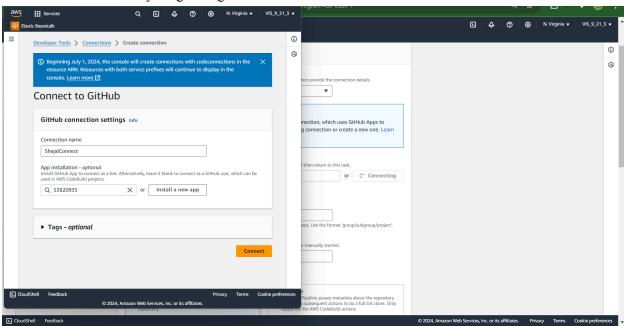
Div/Roll No: D15C/57

7. After selecting the github version

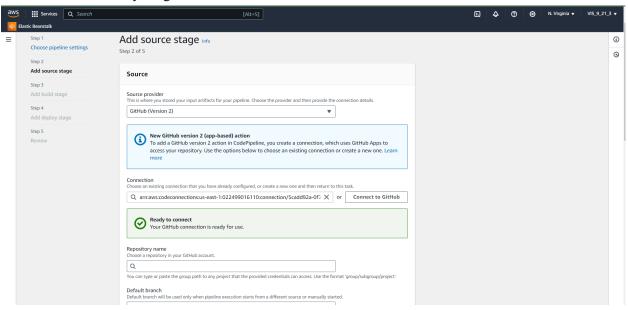
We need to connect it to the repository for that we will add git connect

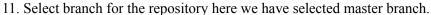


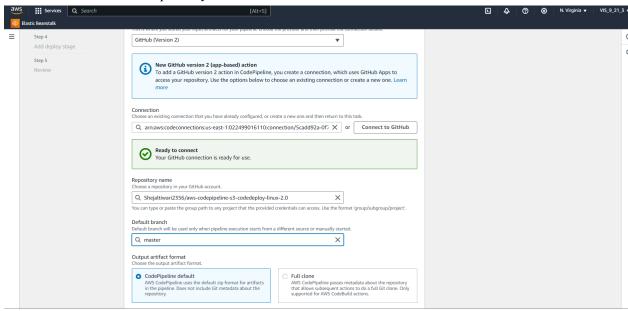
9. Create a connection in your github give connection name.



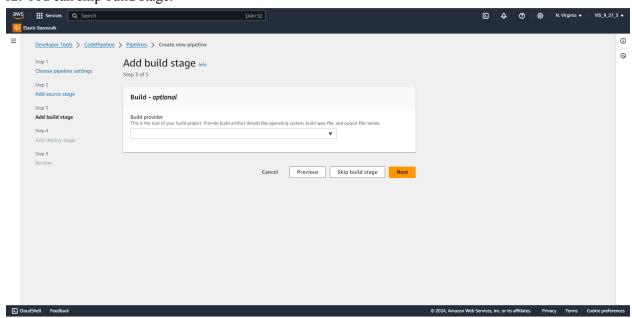
10.select version 2 for your githhub.



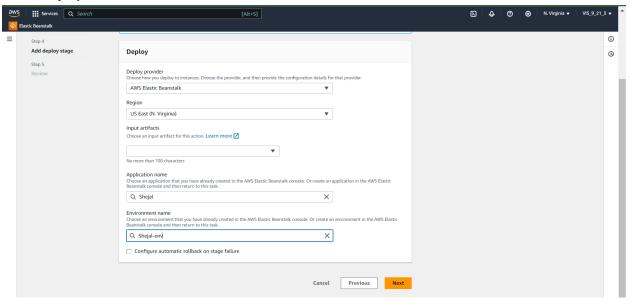




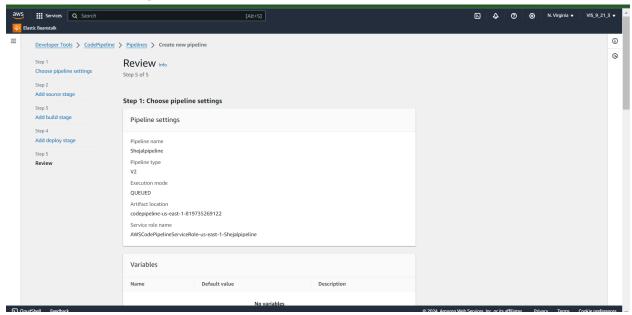
12. You can skip build stage.



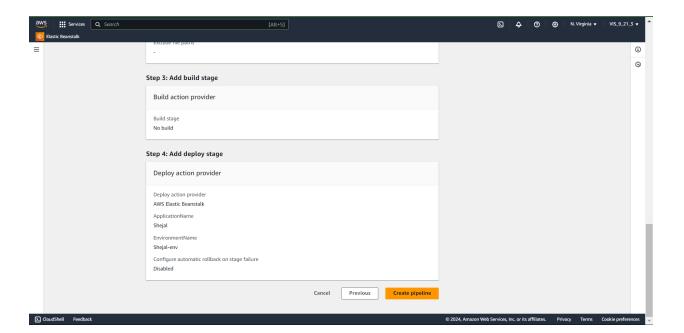
13. To Deploy select on next.



14. Review all the settings created.

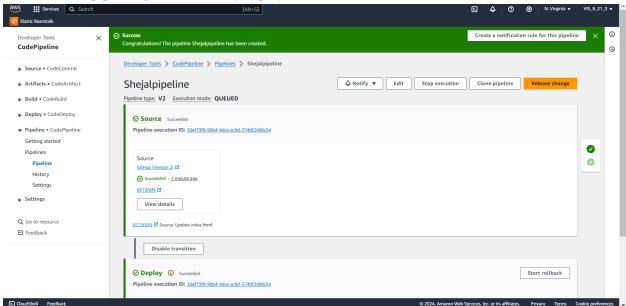


Name:Shejal Nilesh Tiwari



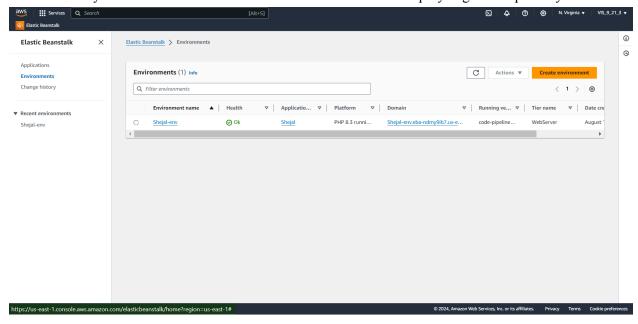
Div/Roll No: D15C/57

15. Wait till the pipeline gets successfully deployed.



Div/Roll No: D15C/57

16.Go back to your environment and click on the domain to see the deployed github repository



17. To see the proper working of pipeline. Go to github make the changes in the code commit it. Here I have added the my name in the index.html file. The changes can be seen instantly.

