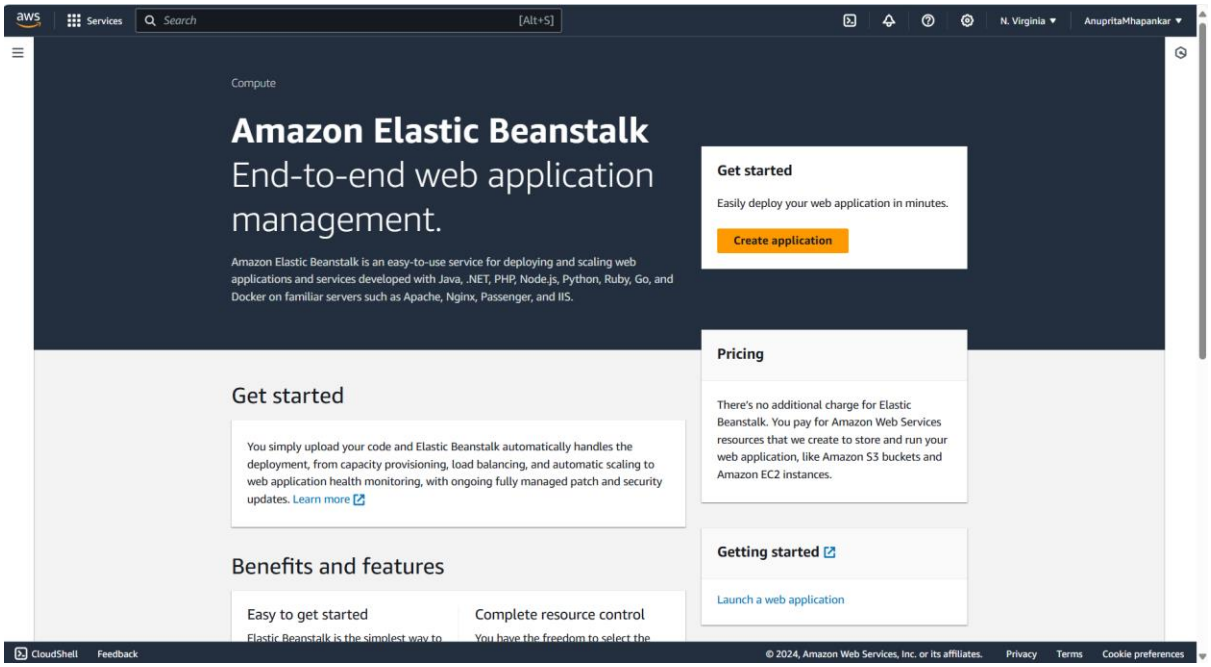
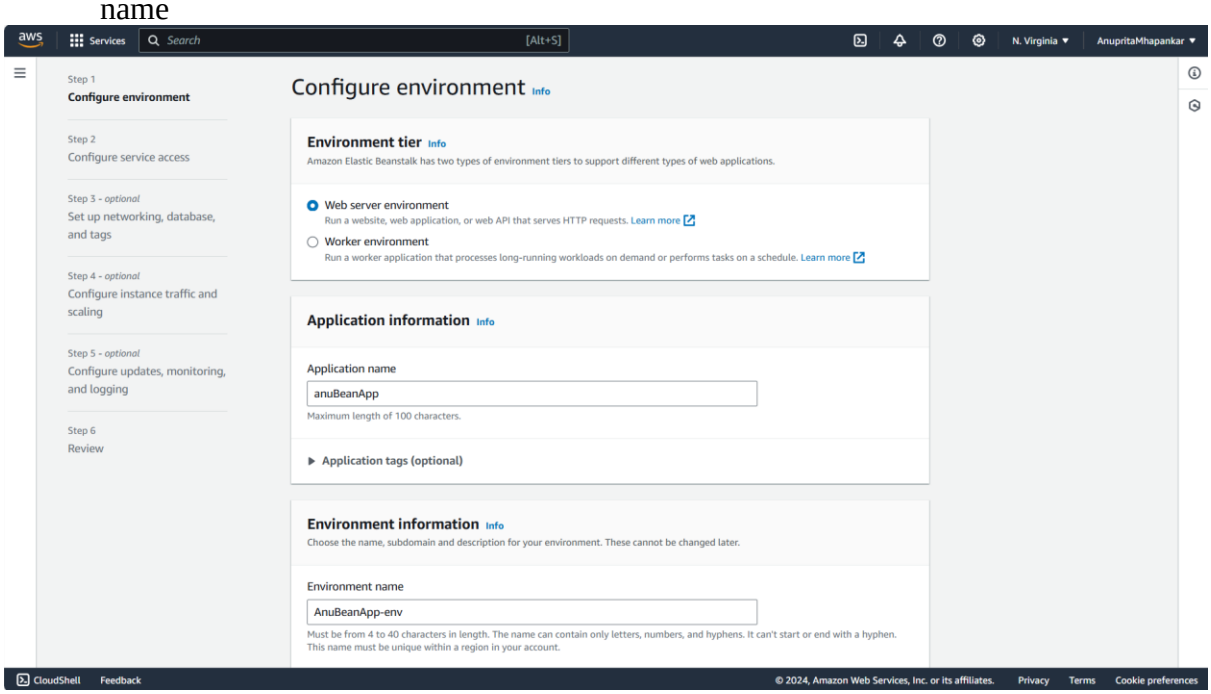
Experiment 2

Using Beanstalk

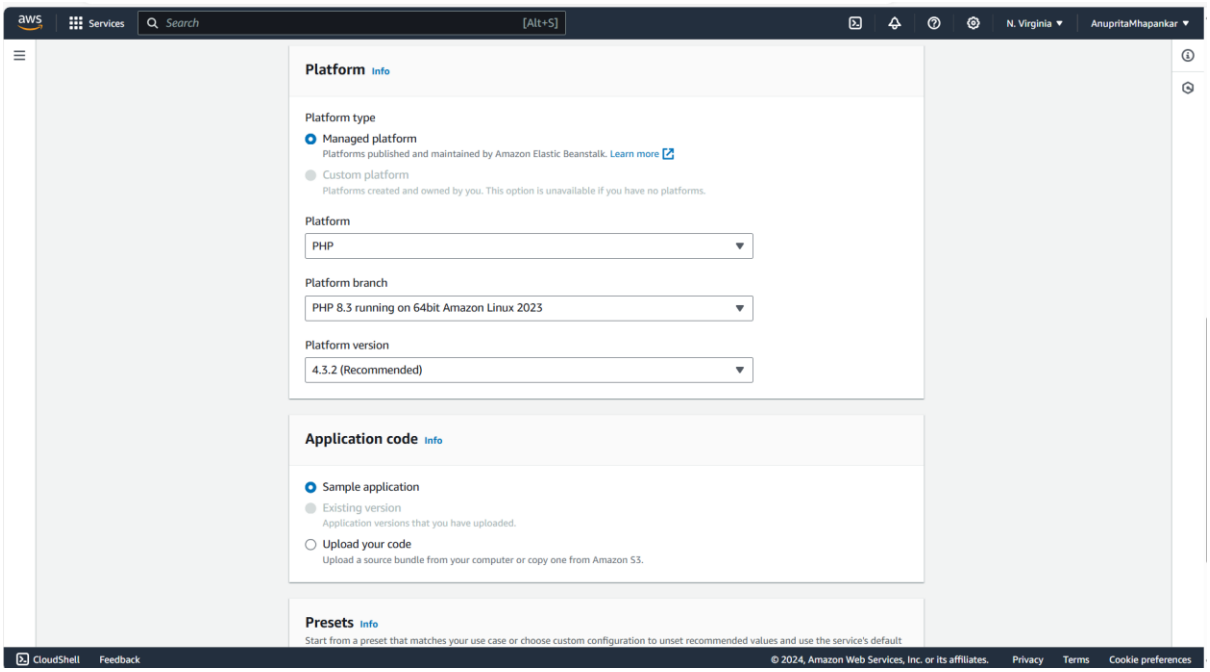
1. Open the aws console and then search Elastic Beanstalk (Opens a dashboard as seen below



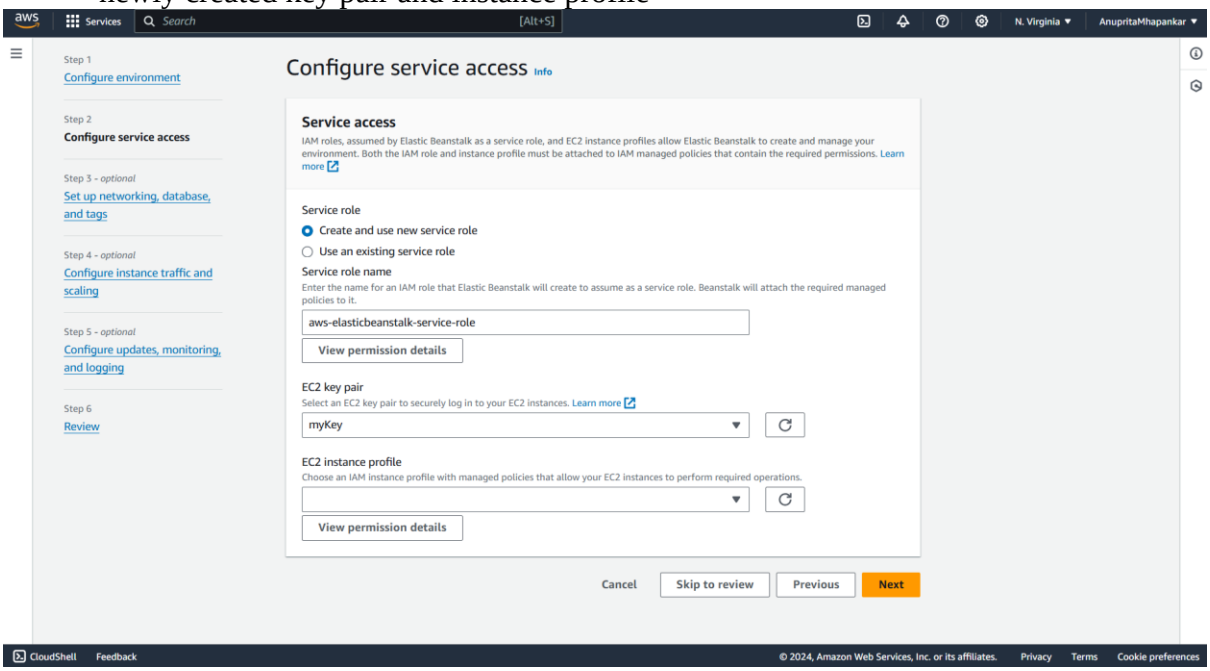
2. Click on create application and configure the environment by adding your application name



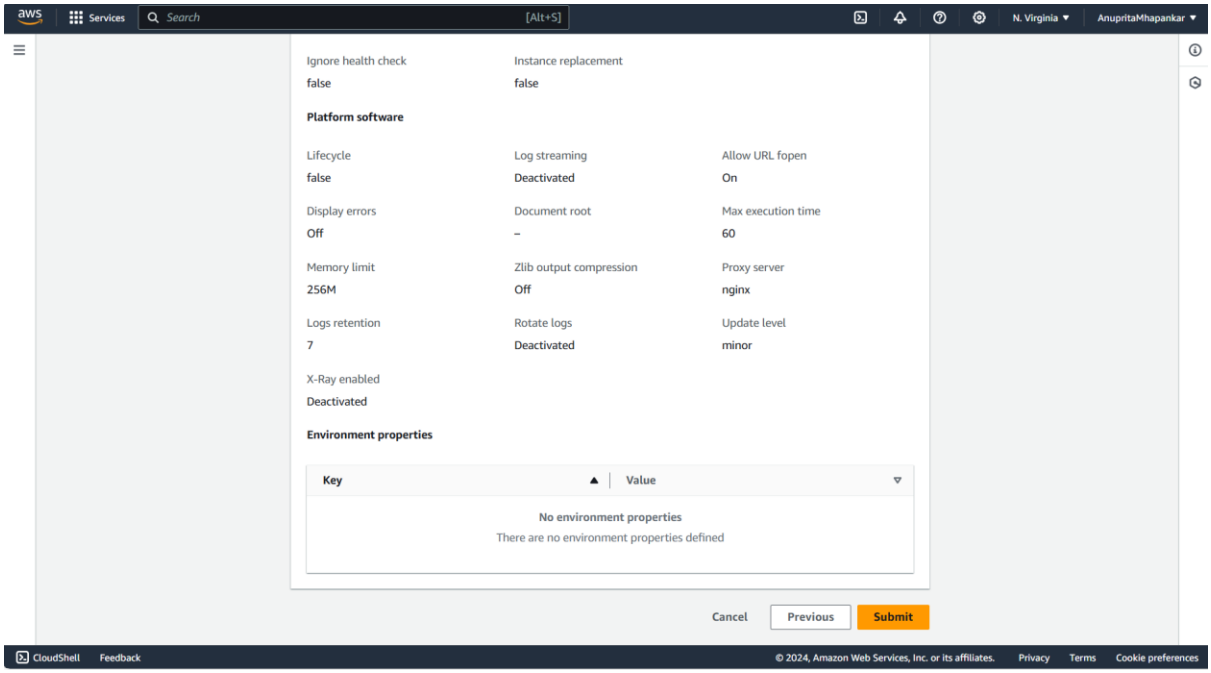
3. Choose PHP from the drop-down menu and click next



4. Now comeback to Elastic Beanstalk page and from the drop down menu select the newly created key pair and instance profile

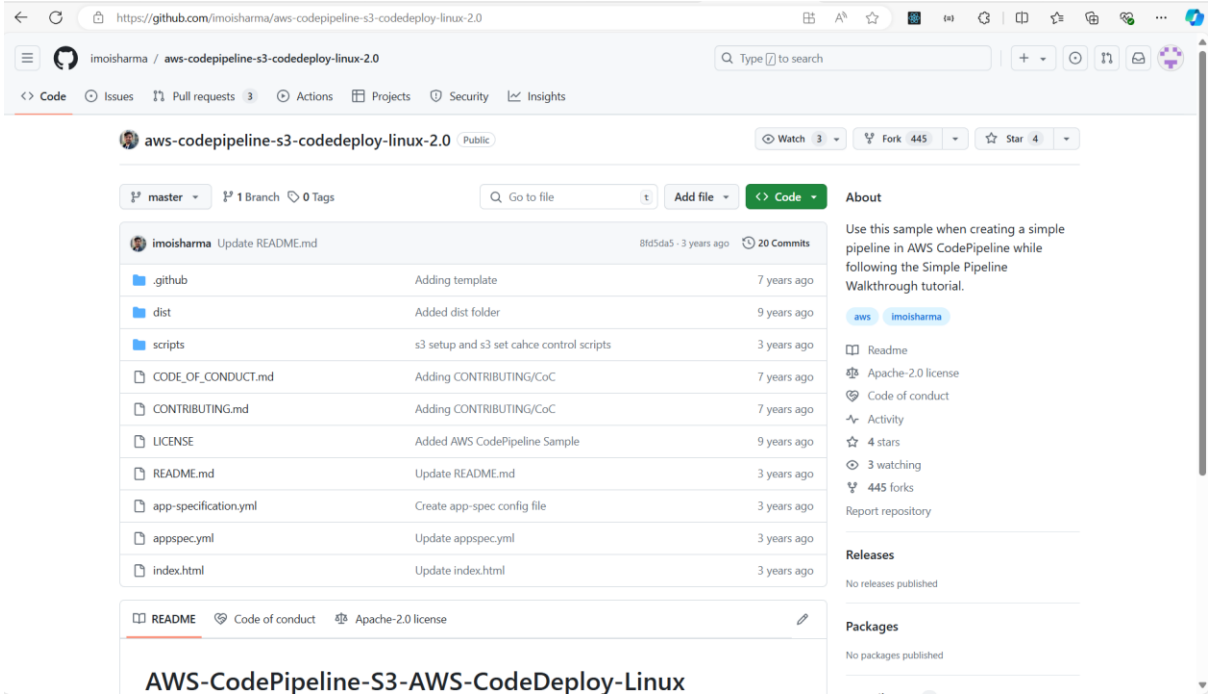


5. Now review the changes made and click on create application

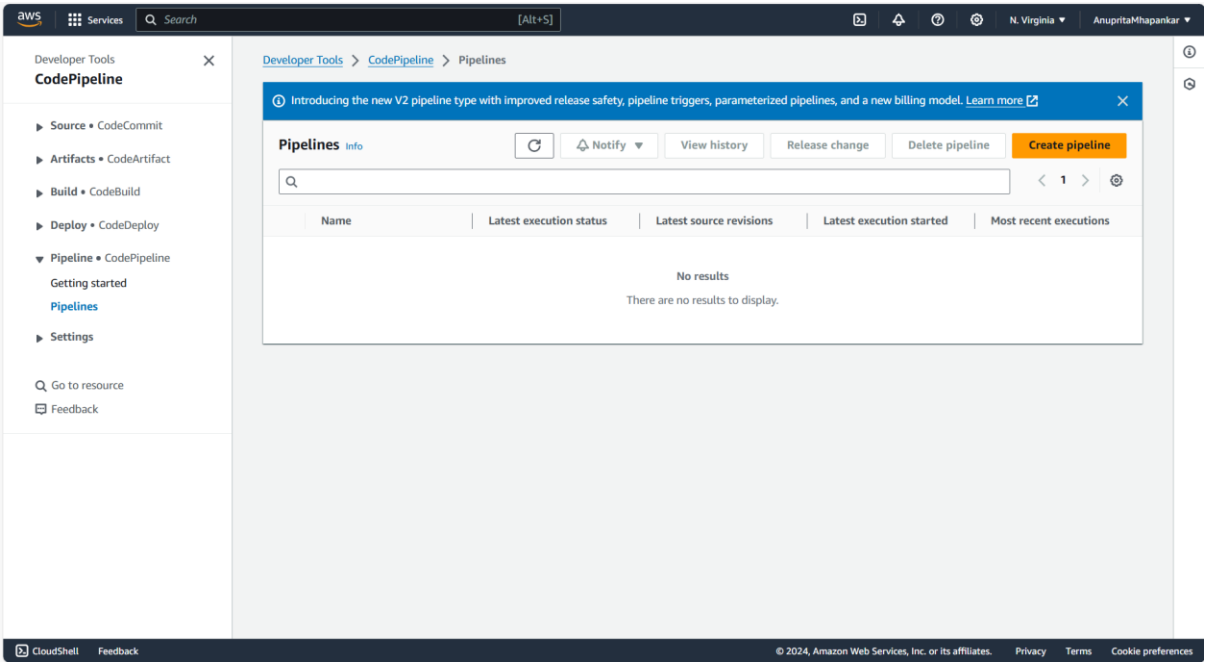


Pipeline Creation :

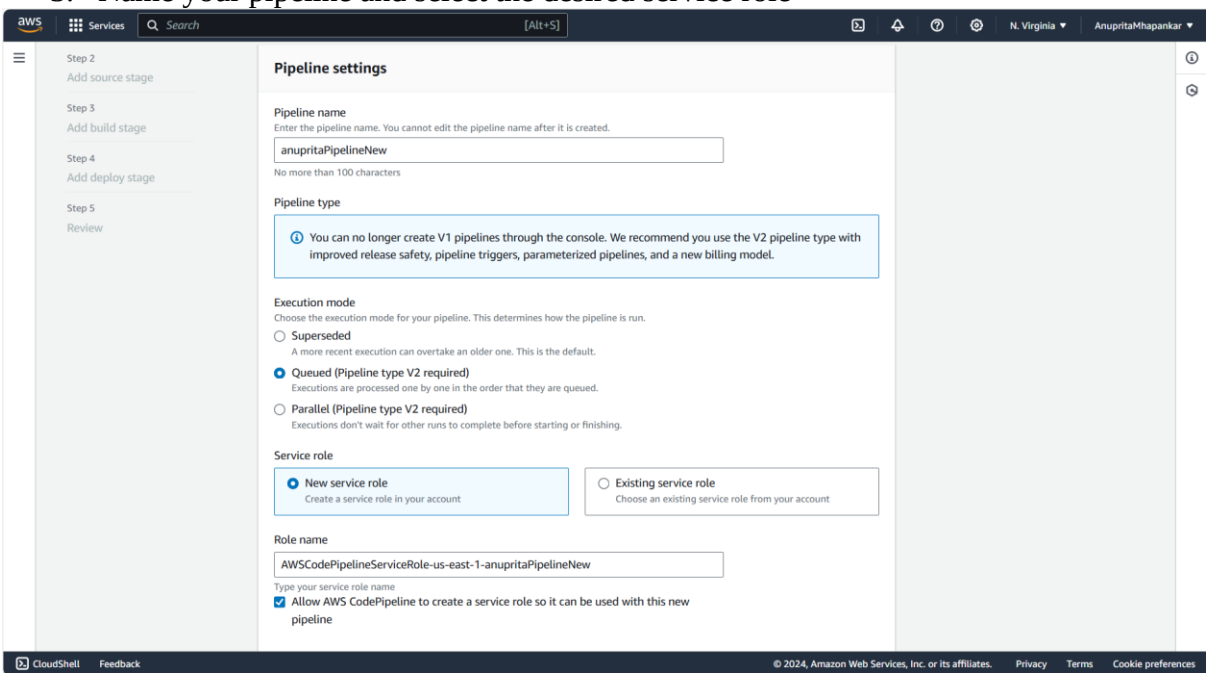
1. Fork a github repo for aws codepipeline available as The pipeline takes code from the source and then performs actions on it.We don't need to code from scratch in this manner

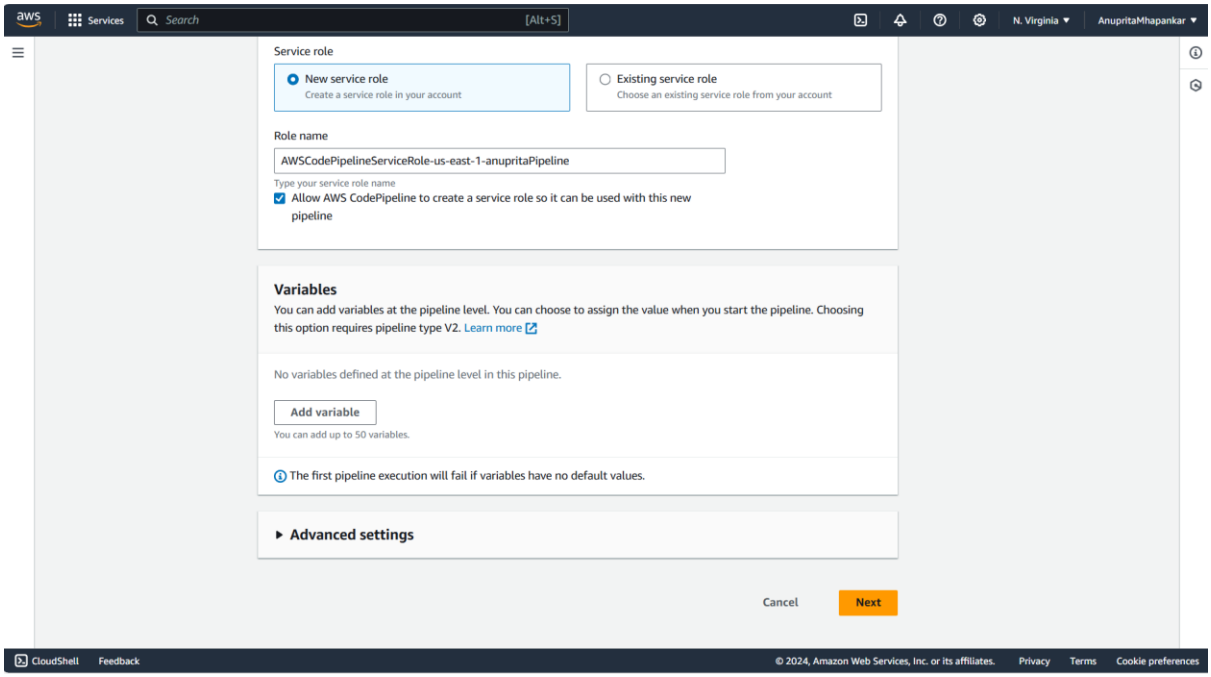


2. Go to developer tools and select CodePipeline and create a new pipeline

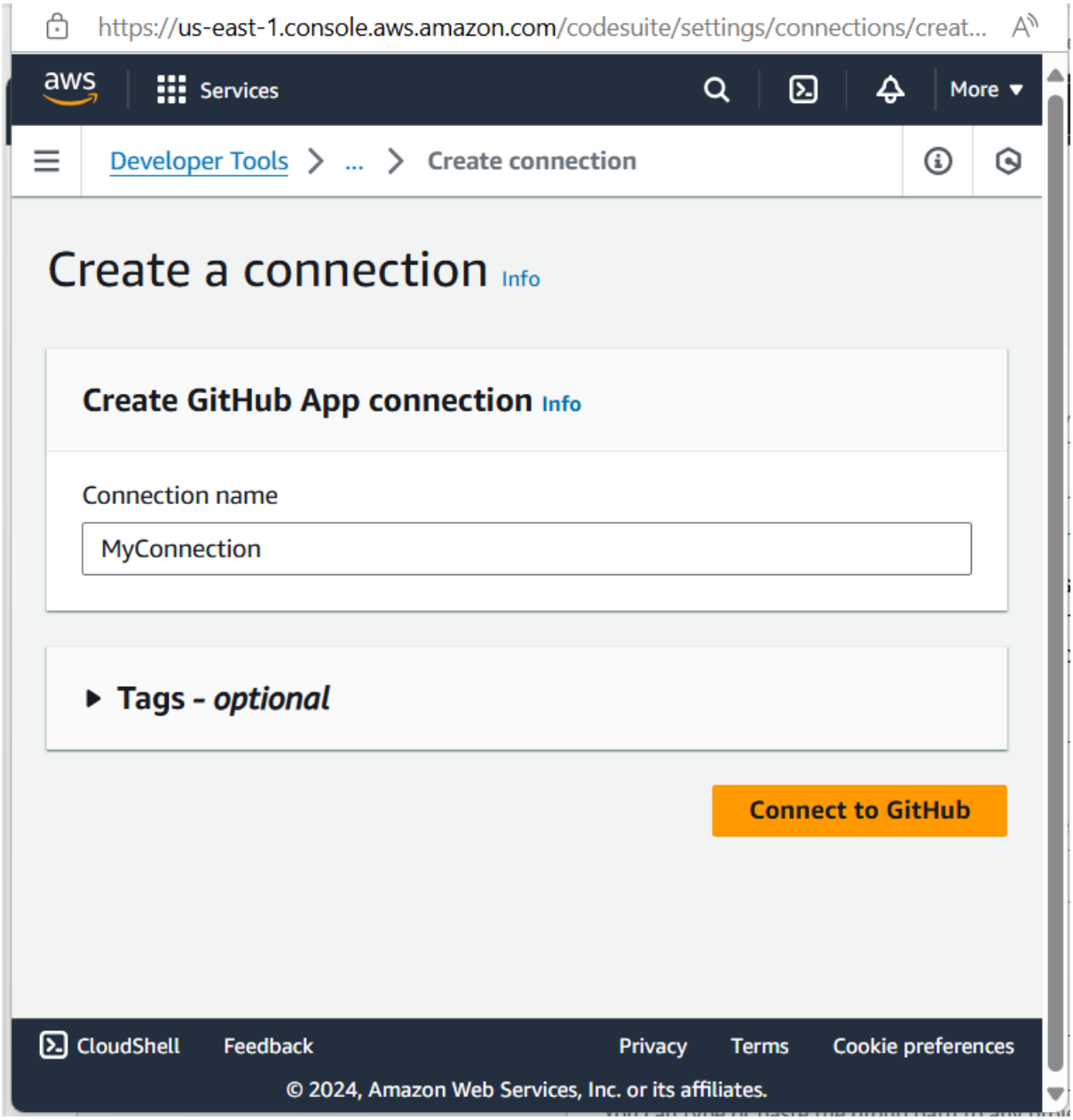


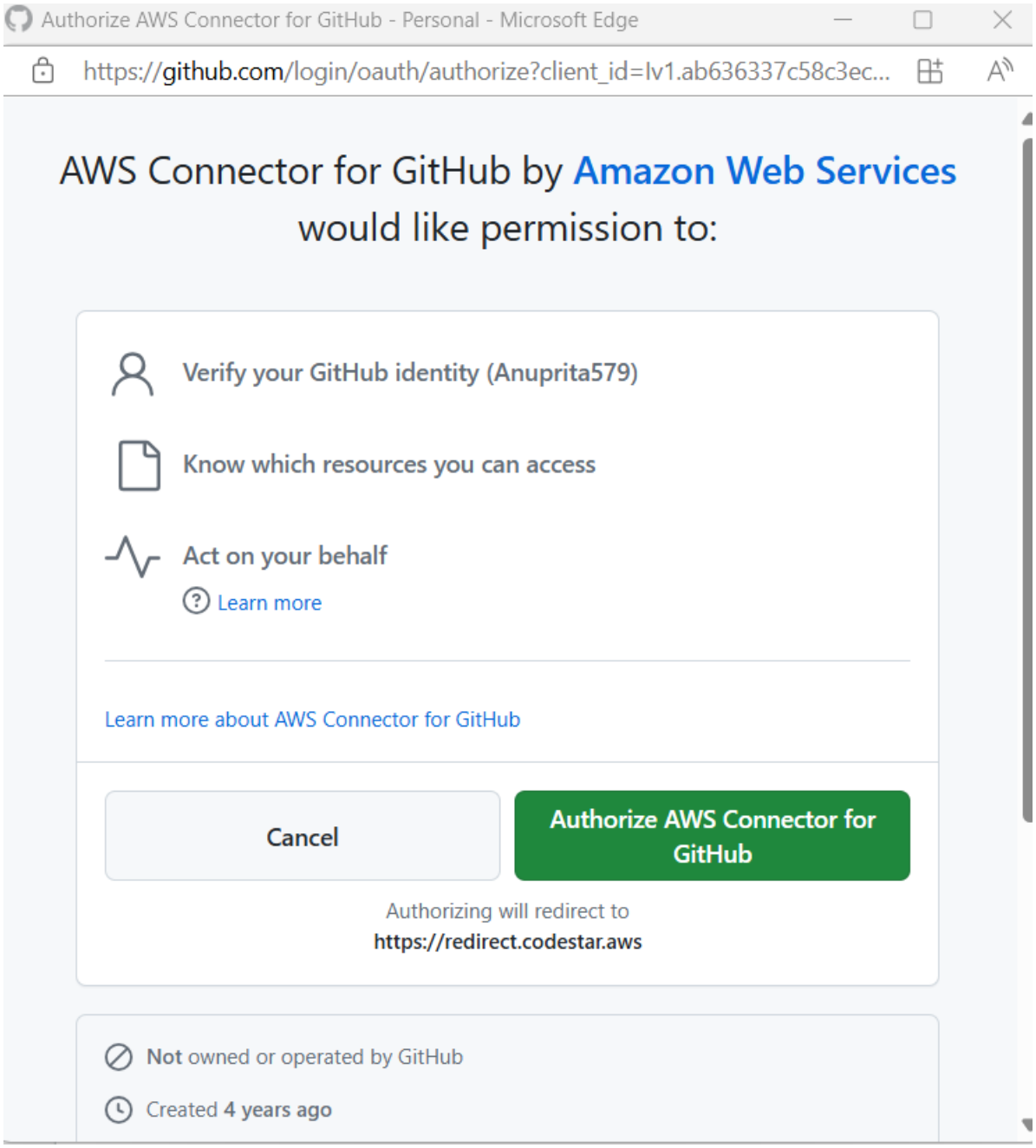
3. Name your pipeline and select the desired service role

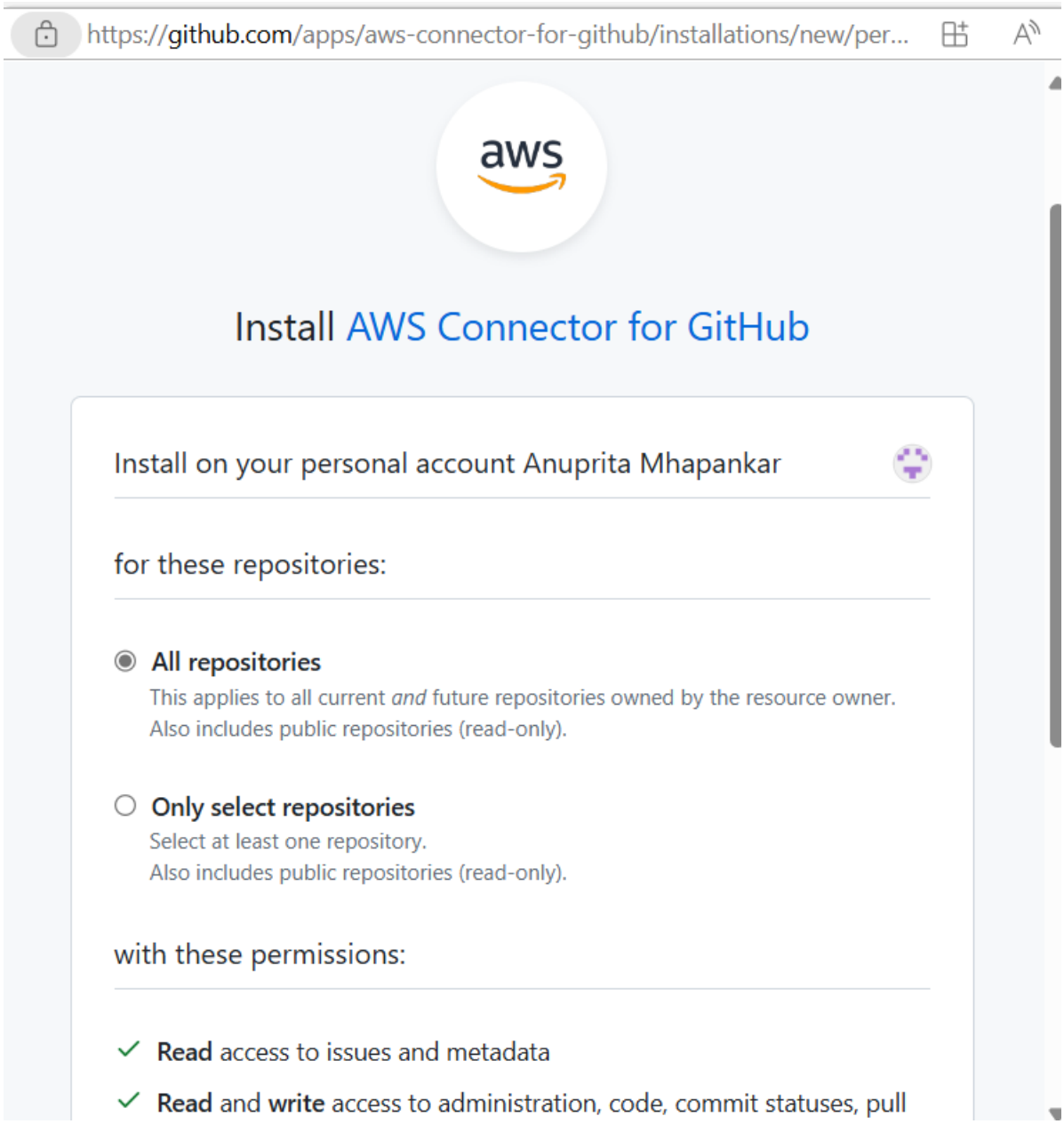




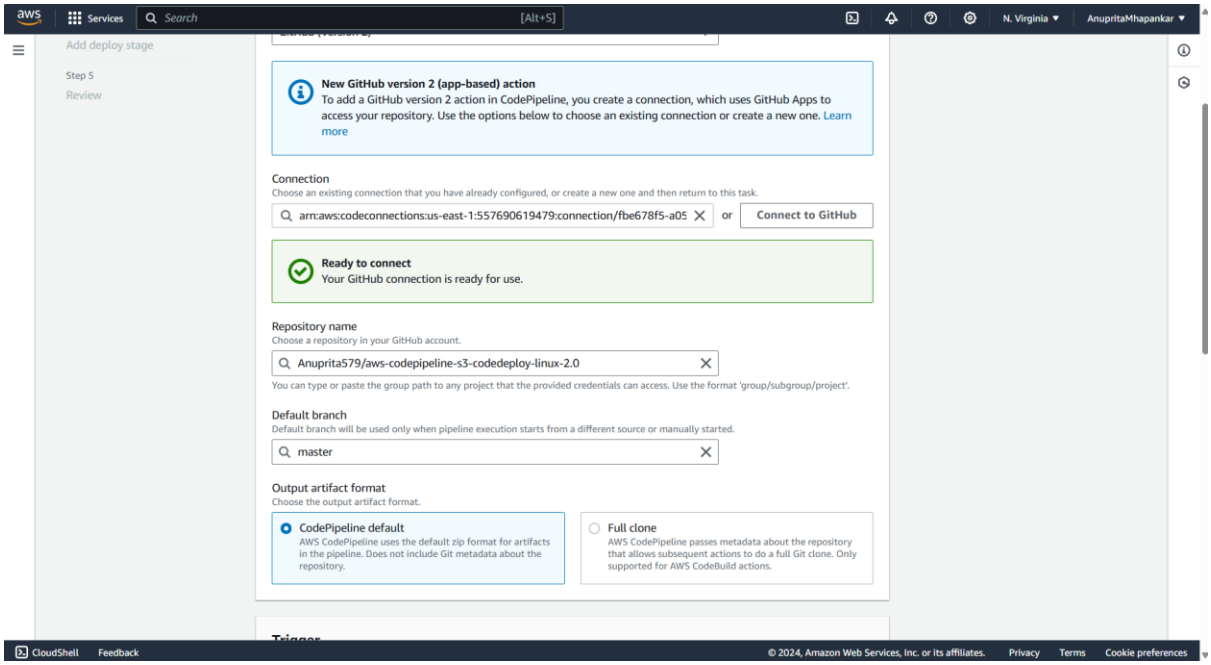
4. In the source stage select Github v2 as the provider and then connect your github connect so that the pipeline can access the forked source code. For this purpose create aws github connection and with your credentials install the AWS under the forked repository


https://us-east-1.console.aws.amazon.com/codesuite/settings/connections/creat...
aws
Services
More
Developer Tools
...
Create connection
Create a connection
Info
Create GitHub App connection
Info
Connection name
MyConnection
Tags - optional
Connect to GitHub
CloudShell
Feedback
Privacy
Terms
Cookie preferences
© 2024, Amazon Web Services, Inc. or its affiliates.

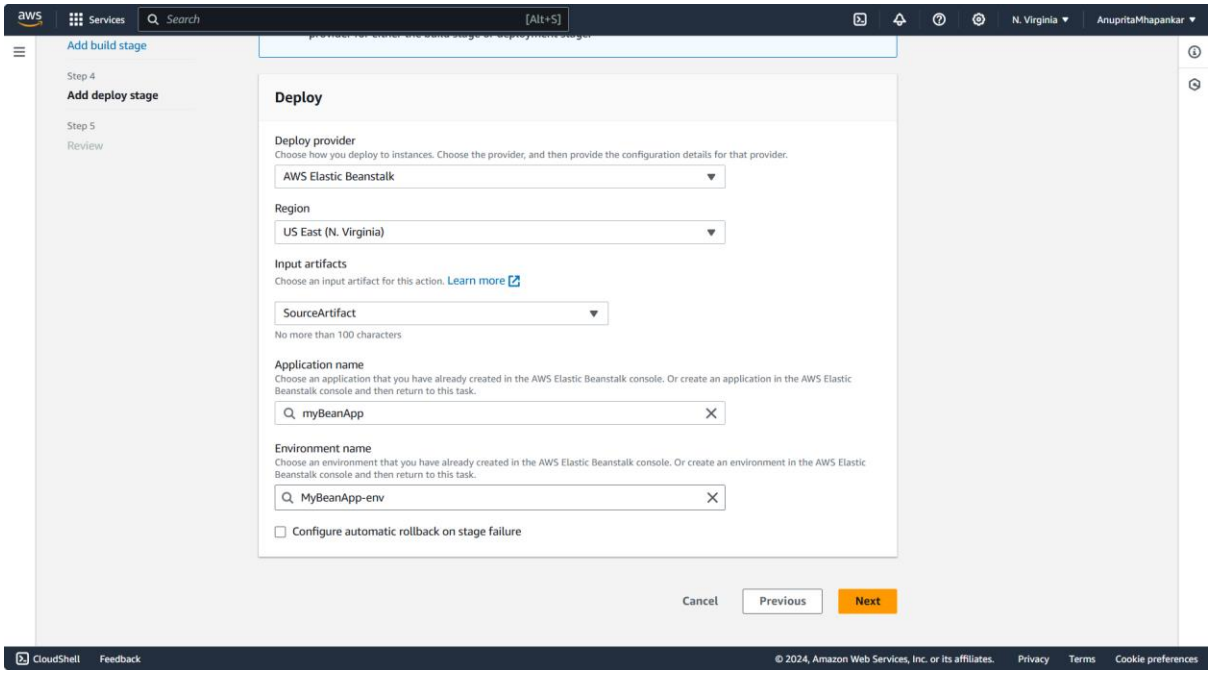

Authorize AWS Connector for GitHub - Personal - Microsoft Edge
https://github.com/login/oauth/authorize?client_id=Iv1.ab636337c58c3ec...
AWS Connector for GitHub by Amazon Web Services would like permission to:
Verify your GitHub identity (Anuprita579)
Know which resources you can access
Act on your behalf
Learn more
Learn more about AWS Connector for GitHub
Cancel
Authorize AWS Connector for GitHub
Authorizing will redirect to
https://redirect.codestar.aws
Not owned or operated by GitHub
Created 4 years ago



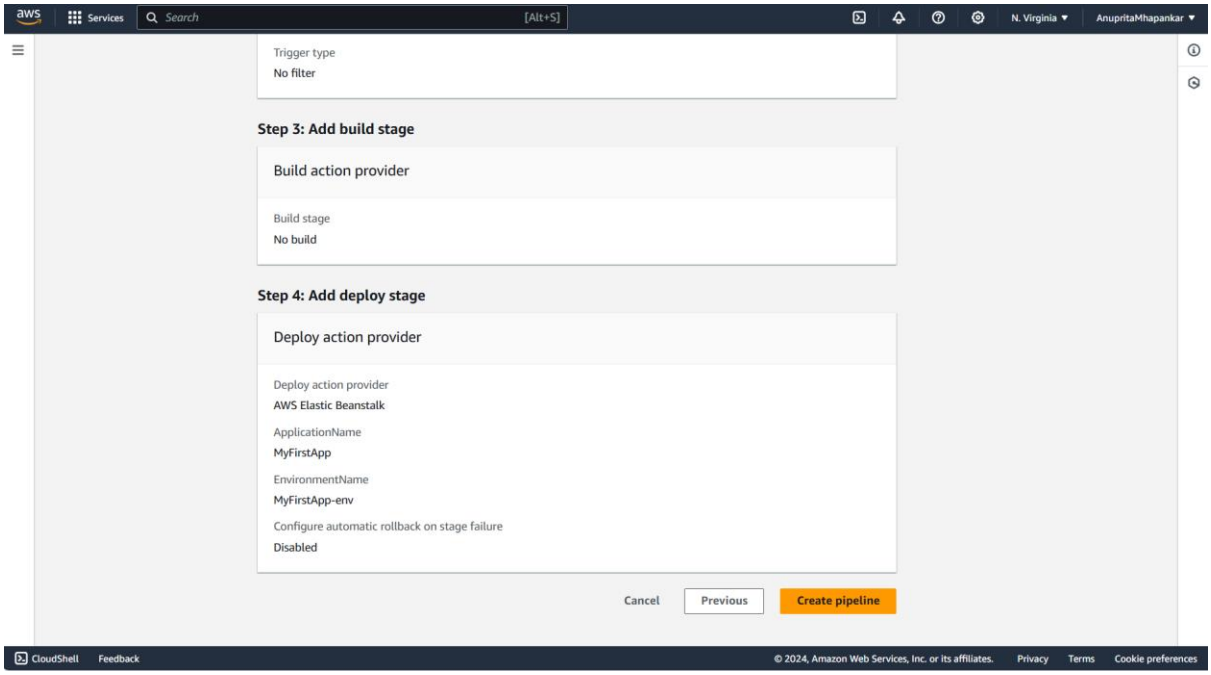
5. Once the connection is established from the drop down menu select the repository and the branch



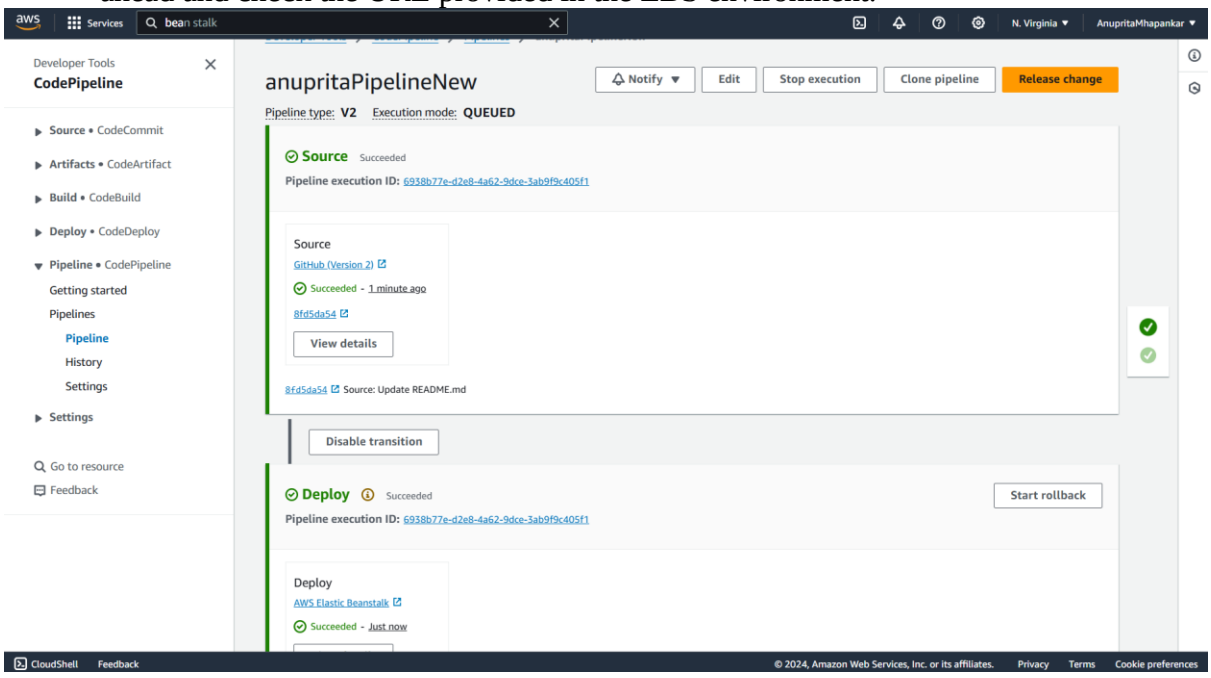
6. Skip the build stage part as we are not plugging in any build provider and in choose Beanstalk as the Deploy Provider, same region as the Bucket and Beanstalk, name and environment name.



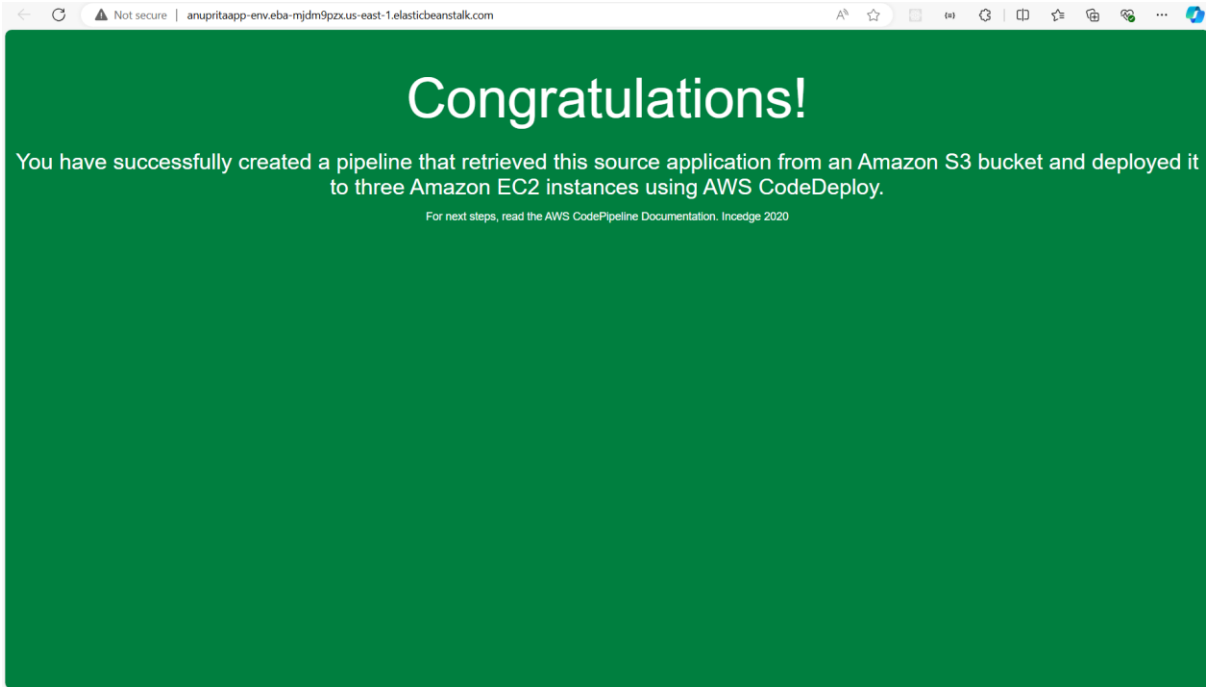
7. Review the settings and click on create pipeline



8. Once the Successfully created message appears, your pipeline is created. Then go ahead and check the URL provided in the EBS environment.

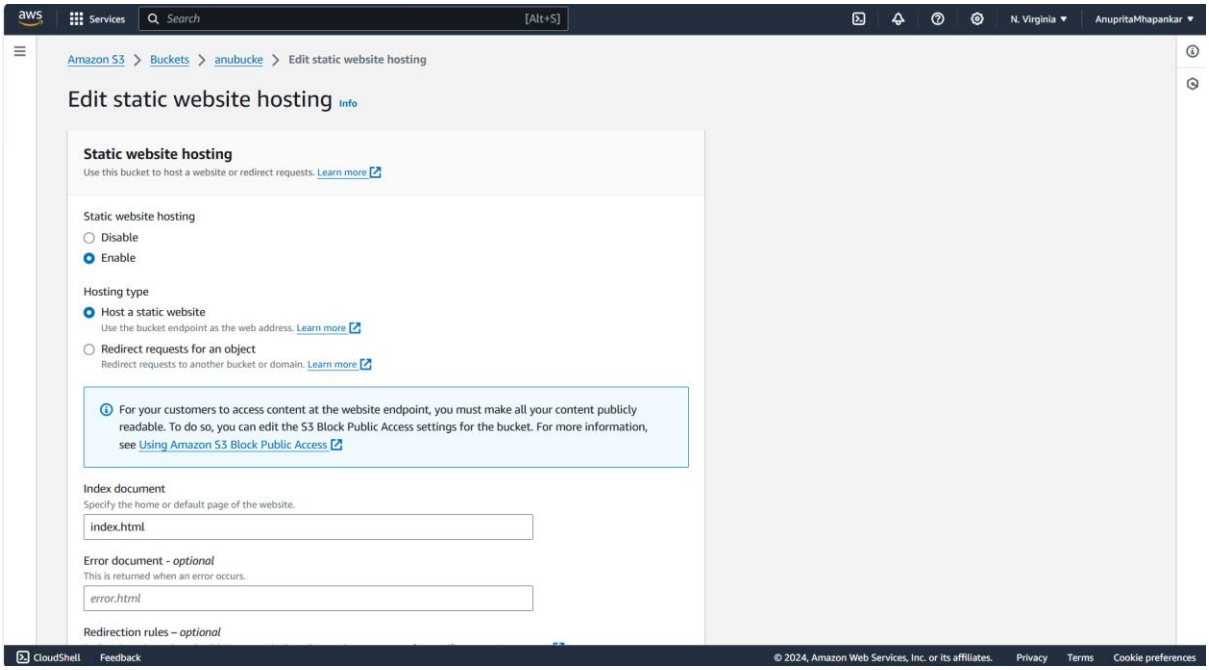


9. This is the website hosted from that forked repo in our beanstalk environment

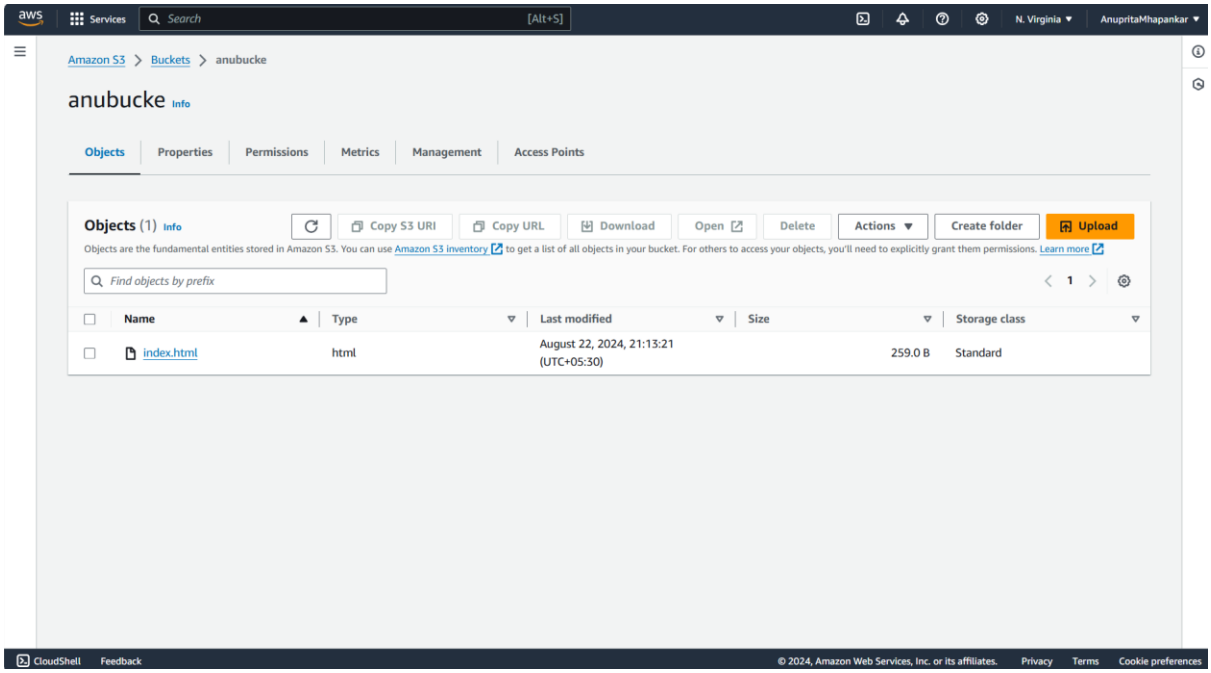


Using S3

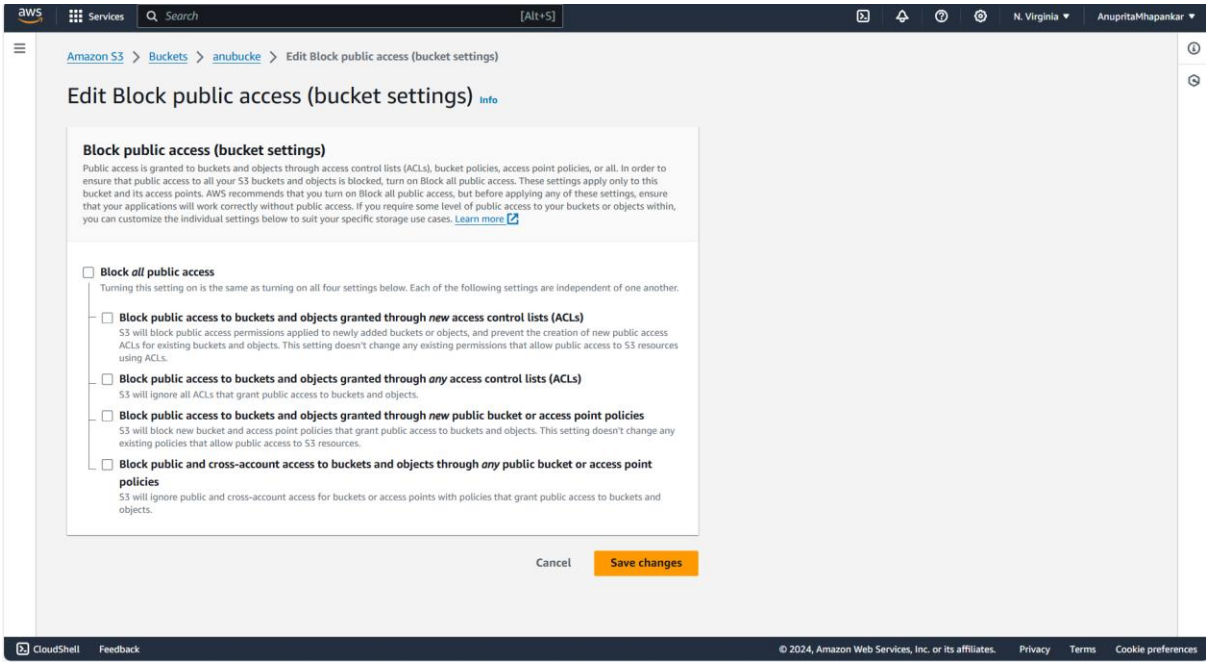
1. Visit S3 under the developer tools and create a Bucket. Click on the Edit Static Website Hosting under the properties tab



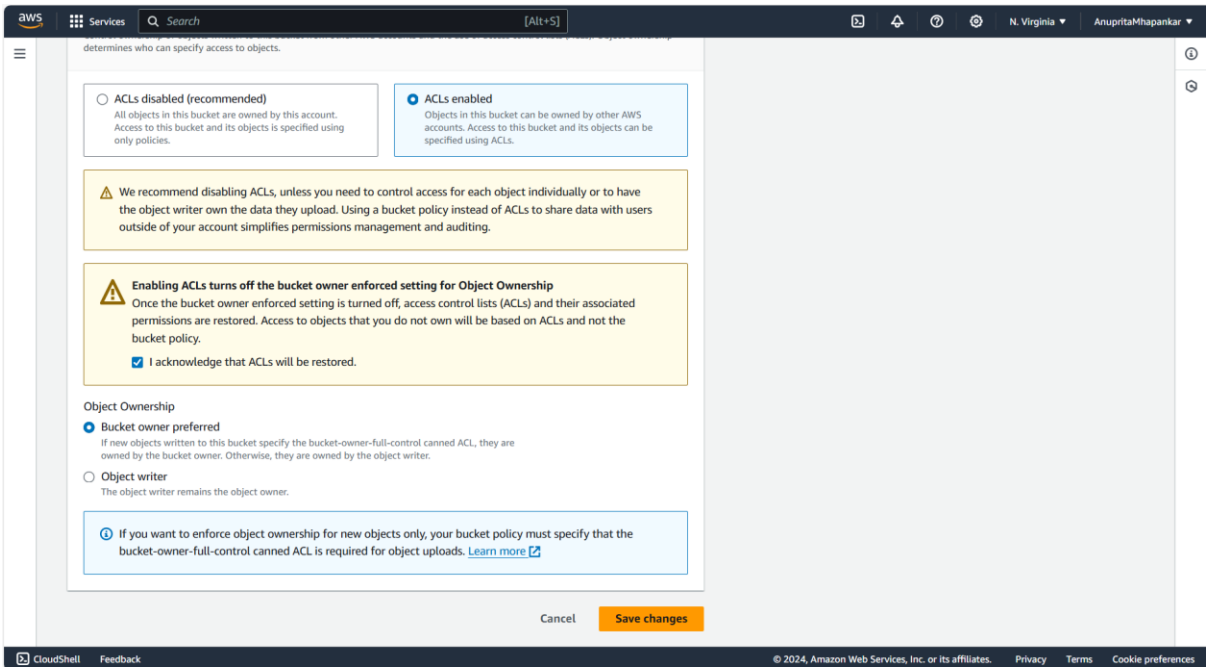
2. Upload a file



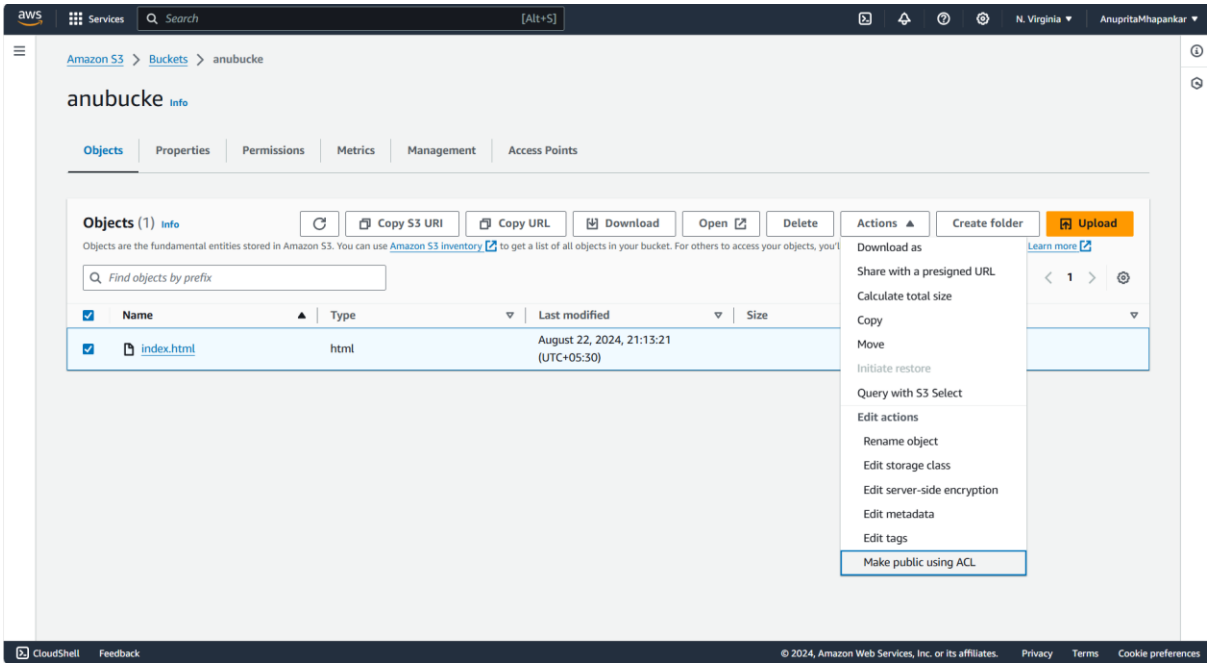
3. Click on the Edit block public access under the Permissions tab



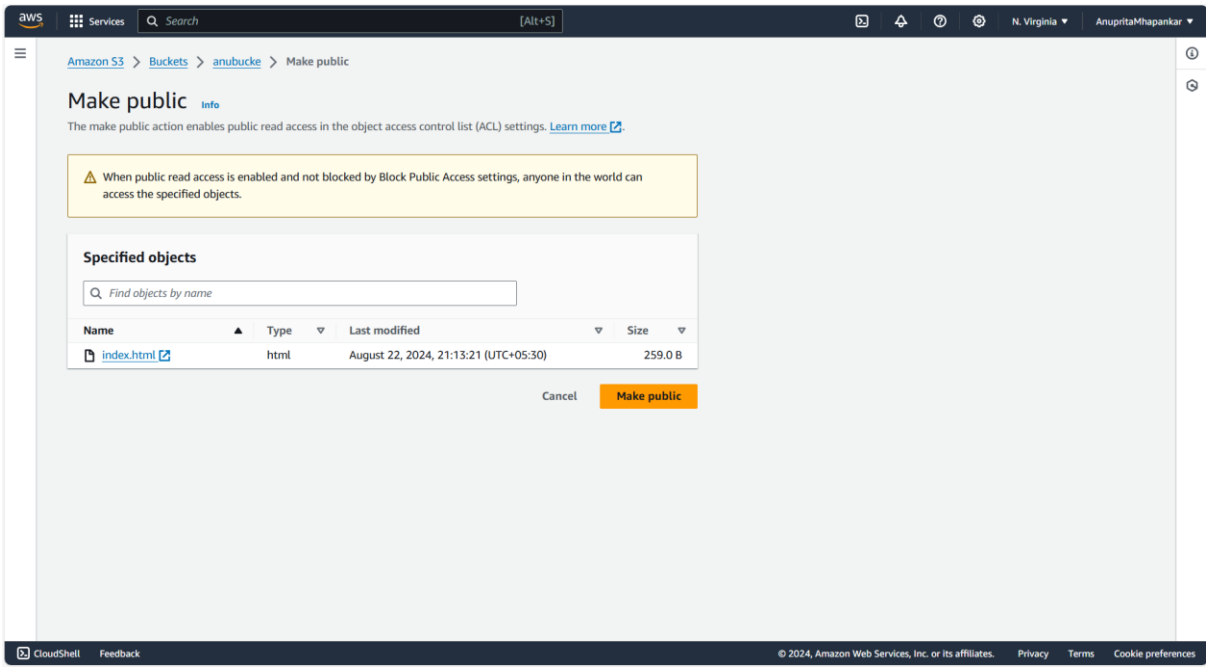
4. Click on Object Ownership under Permission Tab



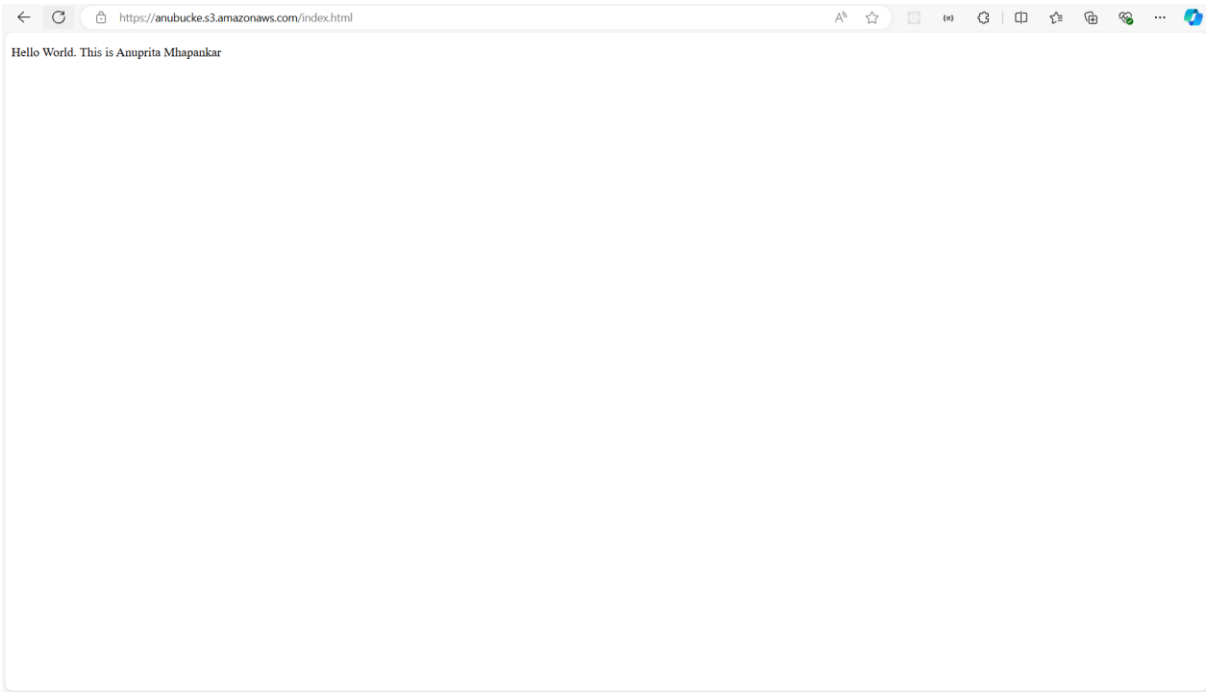
5. Select the file and click on Actions and select the option Make Public using ACL from the dropdown



6. Select on Make Public



7. Visit the domain and the website hosted.


https://anubucke.s3.amazonaws.com/index.html
Hello World. This is Anuprita Mhapankar