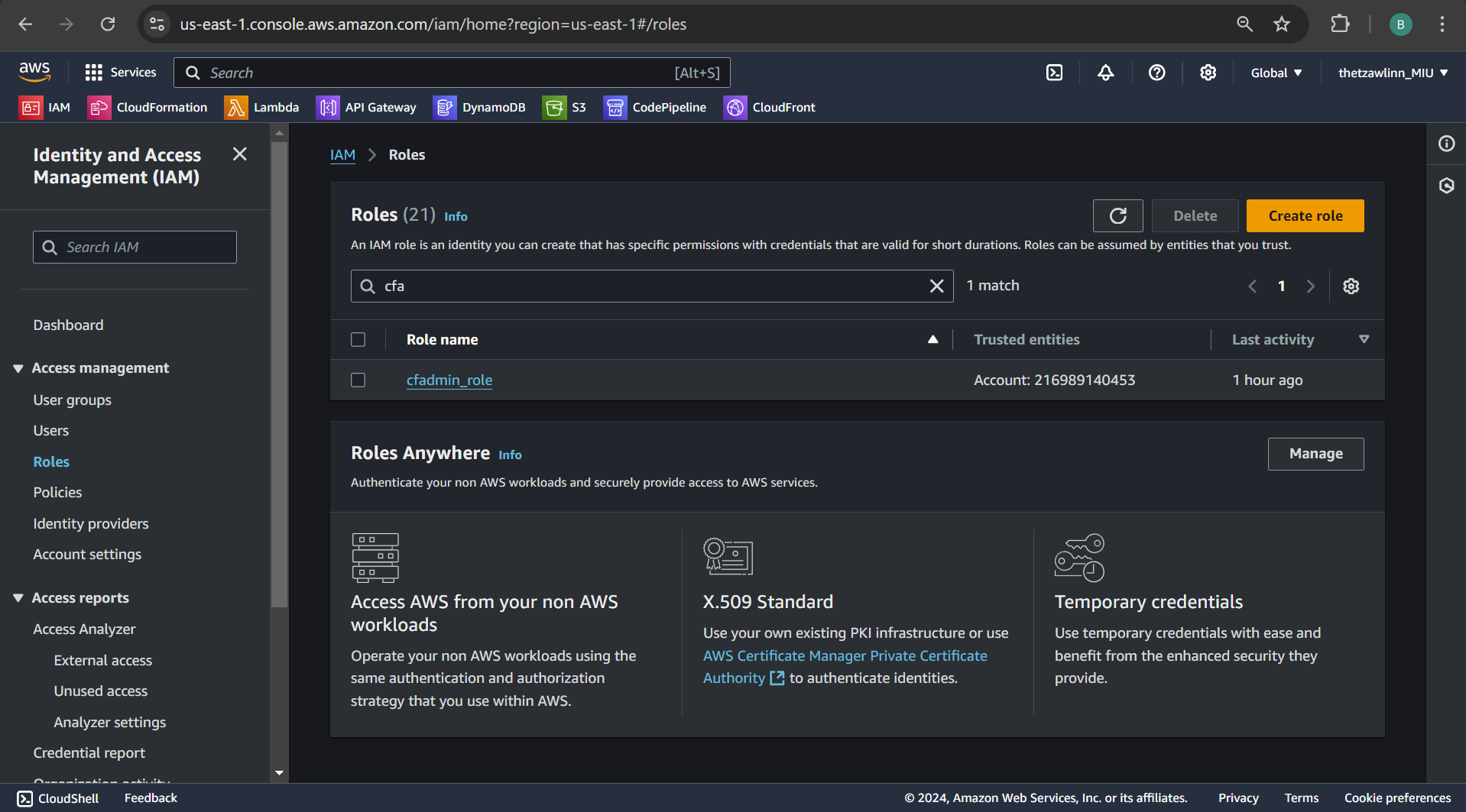
Create user and role to deploy application.

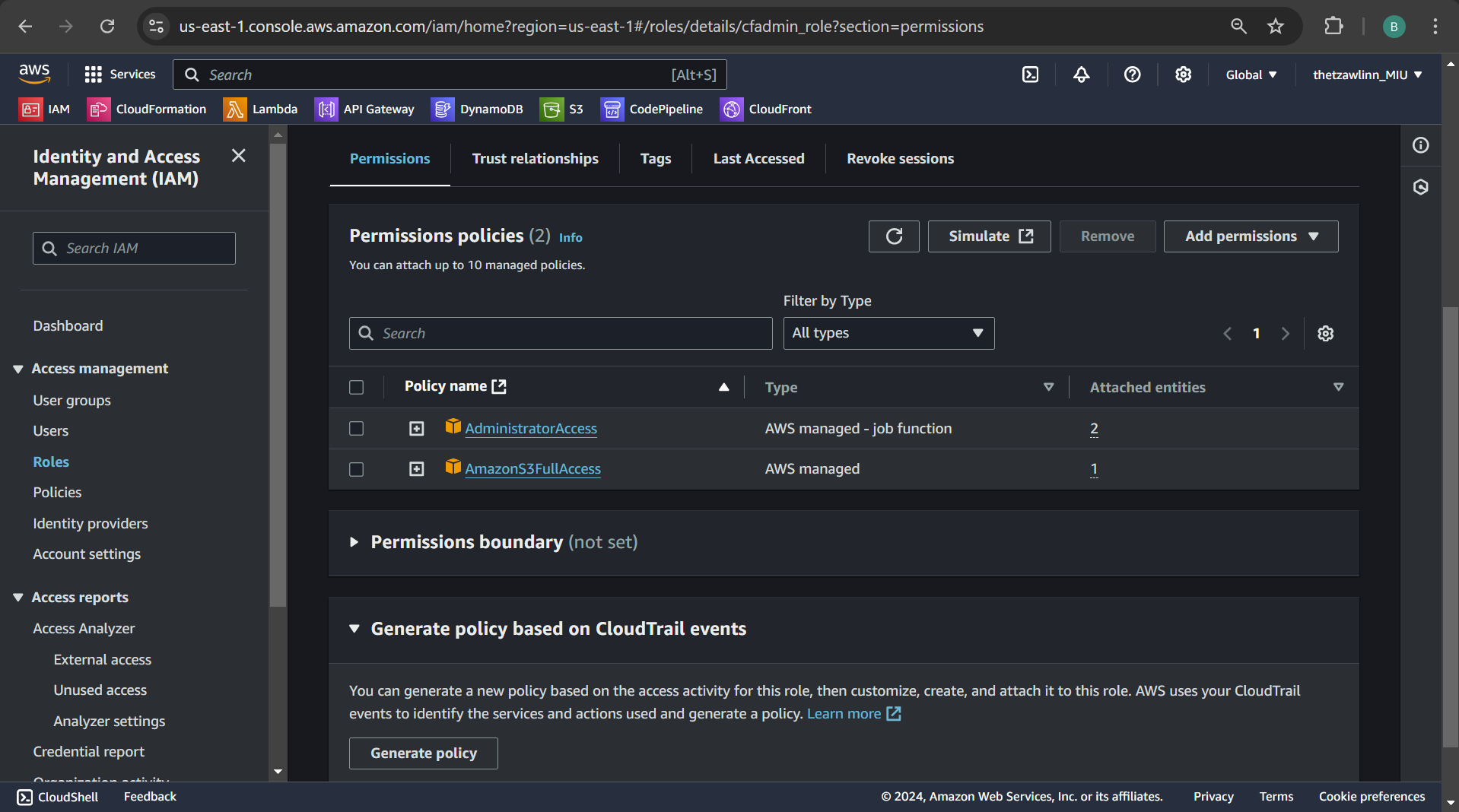




Create Access Key for user

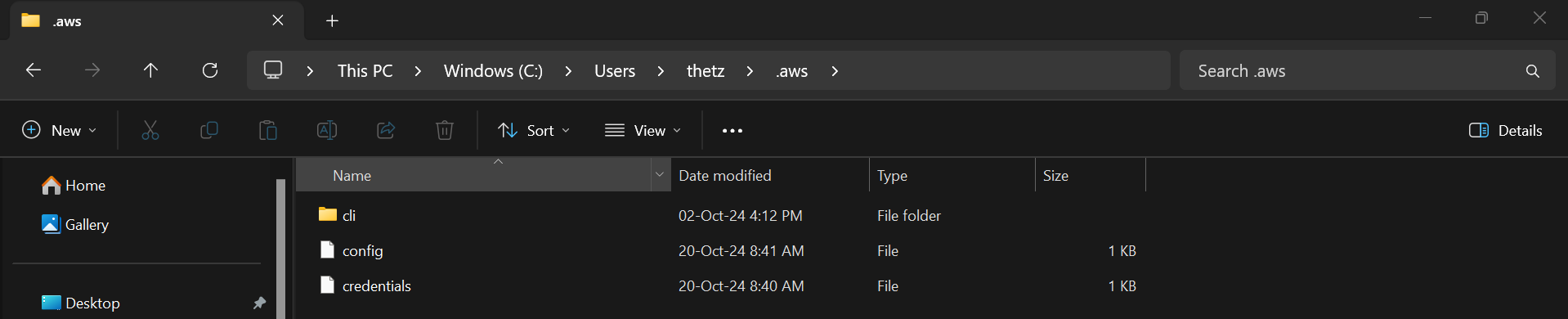


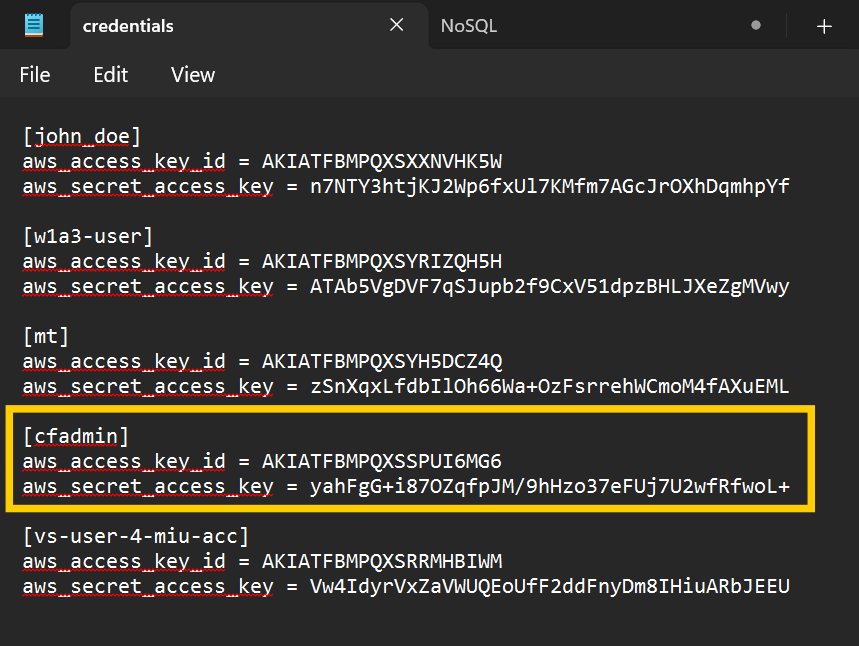
Add permission to role



Configure user credential in local environment

Go to .aws folder and user credential into config and credential file







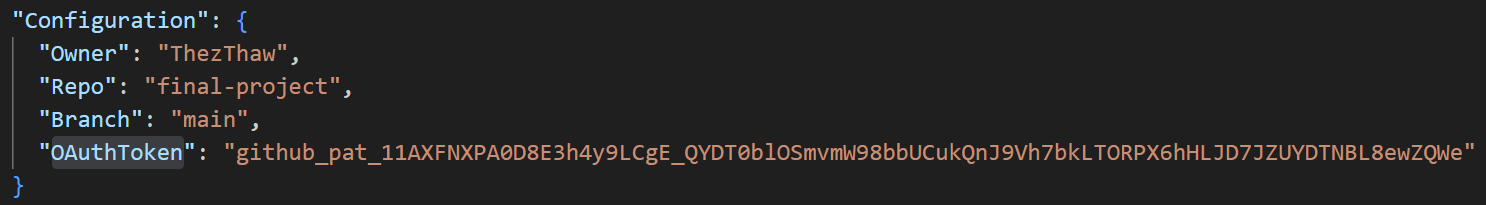
Checkout project from below repo.

<https://github.com/ThezThaw/final-project>

Change git access token in following json

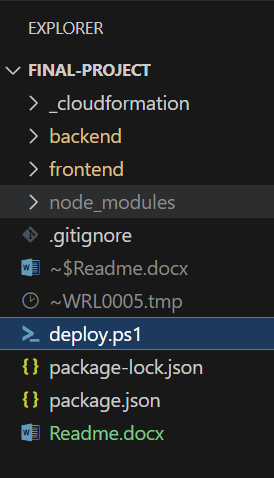


Search “OAuthToken” attributes and replace with below git access token.

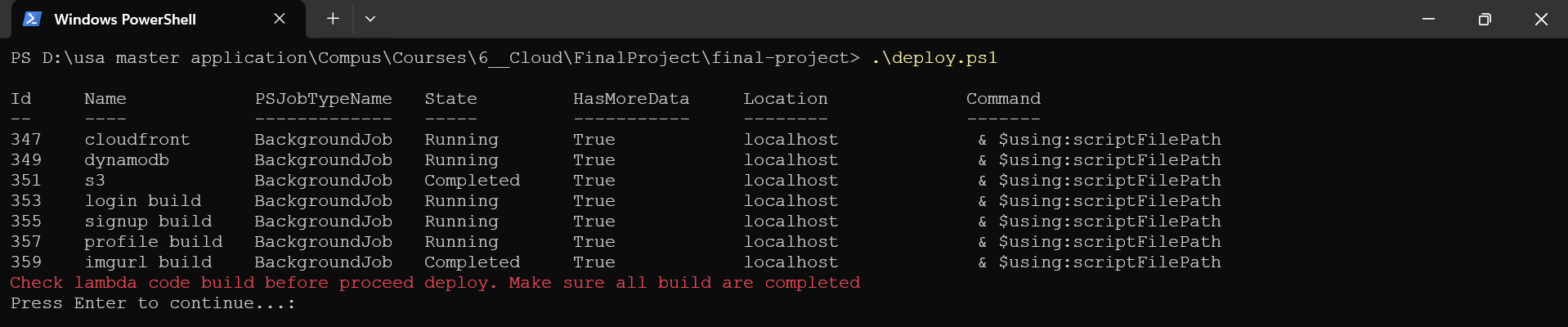


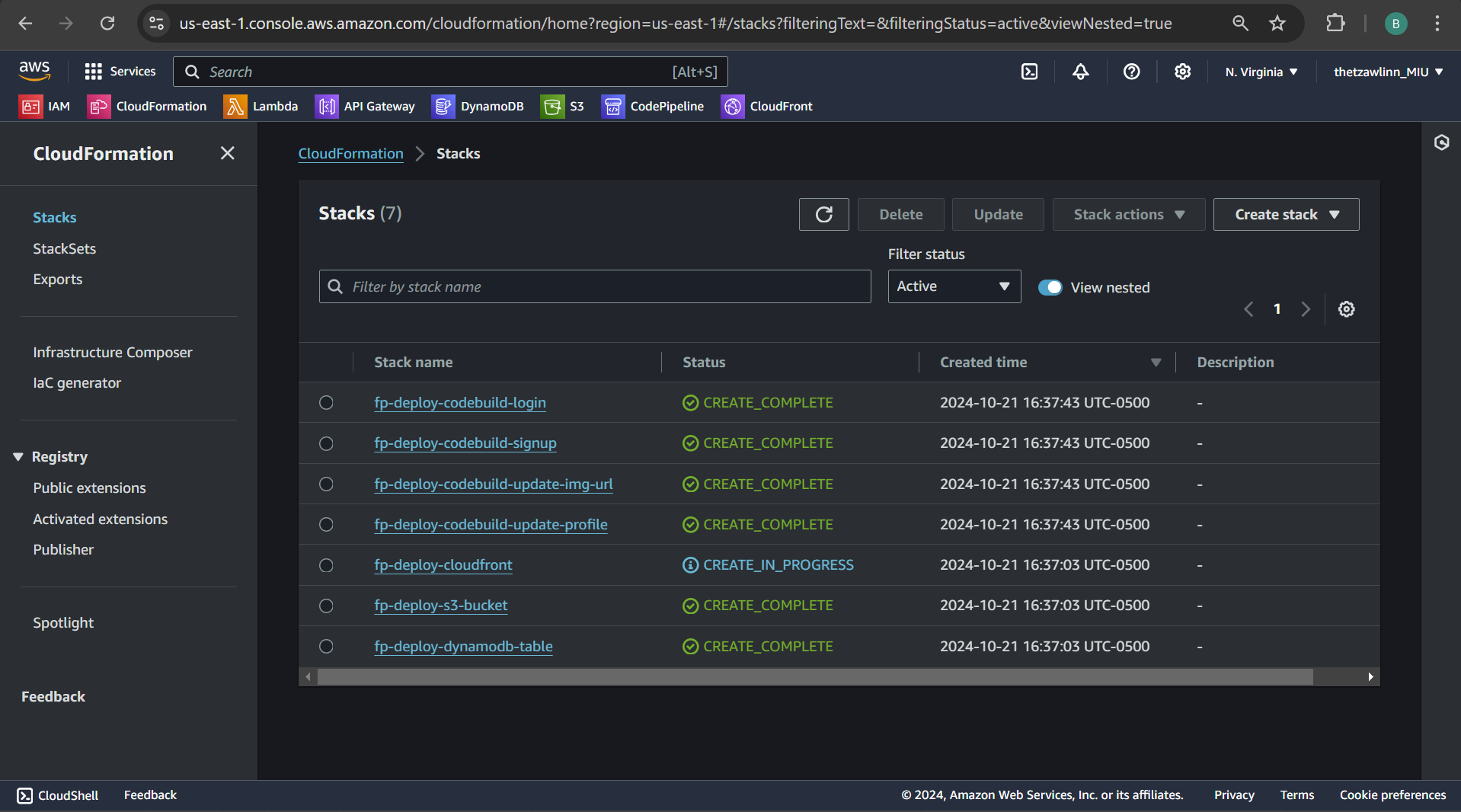
"OAuthToken": "github\_pat\_11AXFNXPA0D8E3h4y9LCgE\_QYDT0blOSmvmW98bbUCukQnJ9Vh7bkLTORPX6hHLJD7JZUYDTNBL8ewZQWe"

Run “deploy.ps1” powershell, in source code, I am using aws account as “cfadmin” in all deployment scripts.



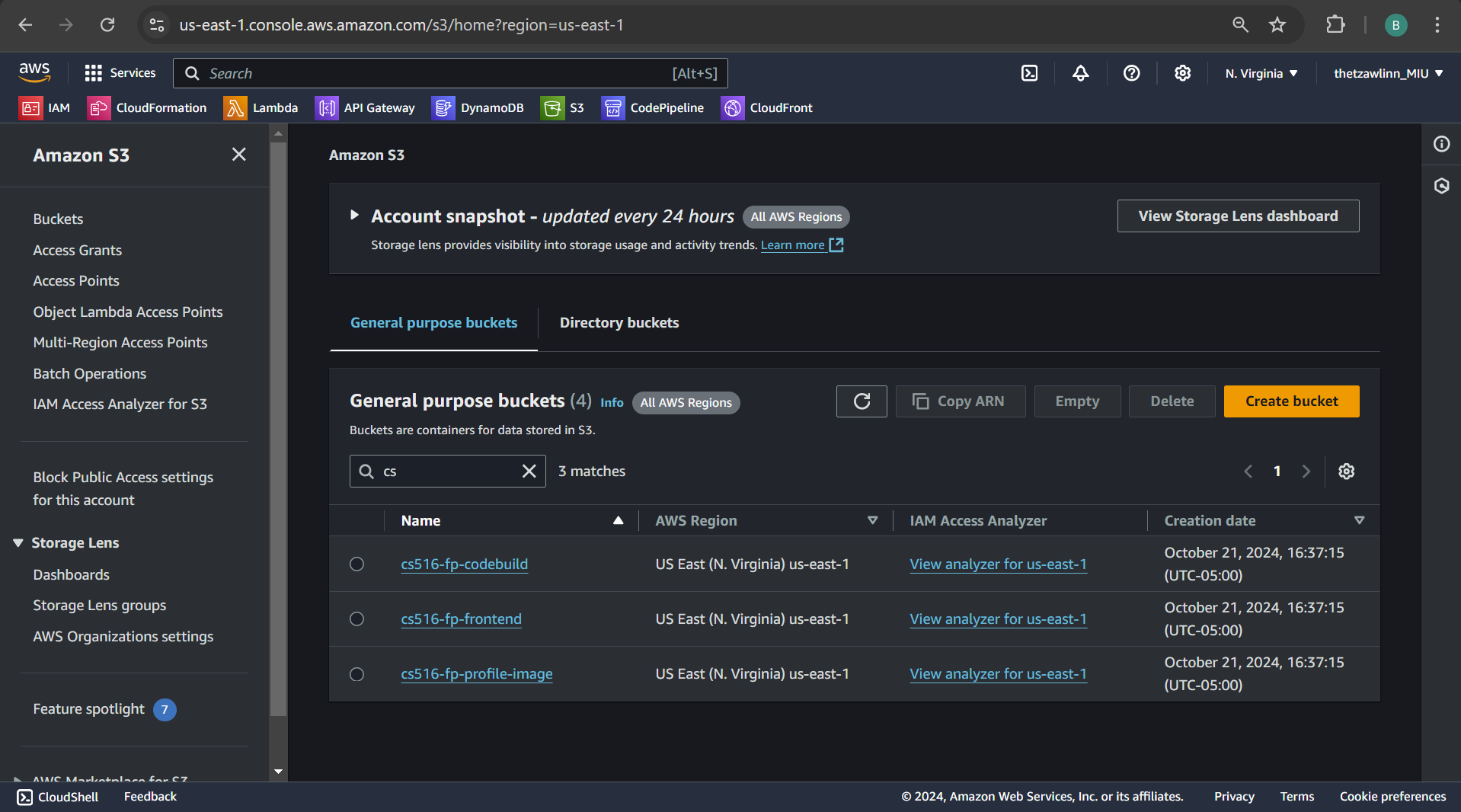
First stage, s3 bucket, dynamodb, cloudfront, and pipeline for lambda code build will be created parallel. Once prompt message, check pipeline status.



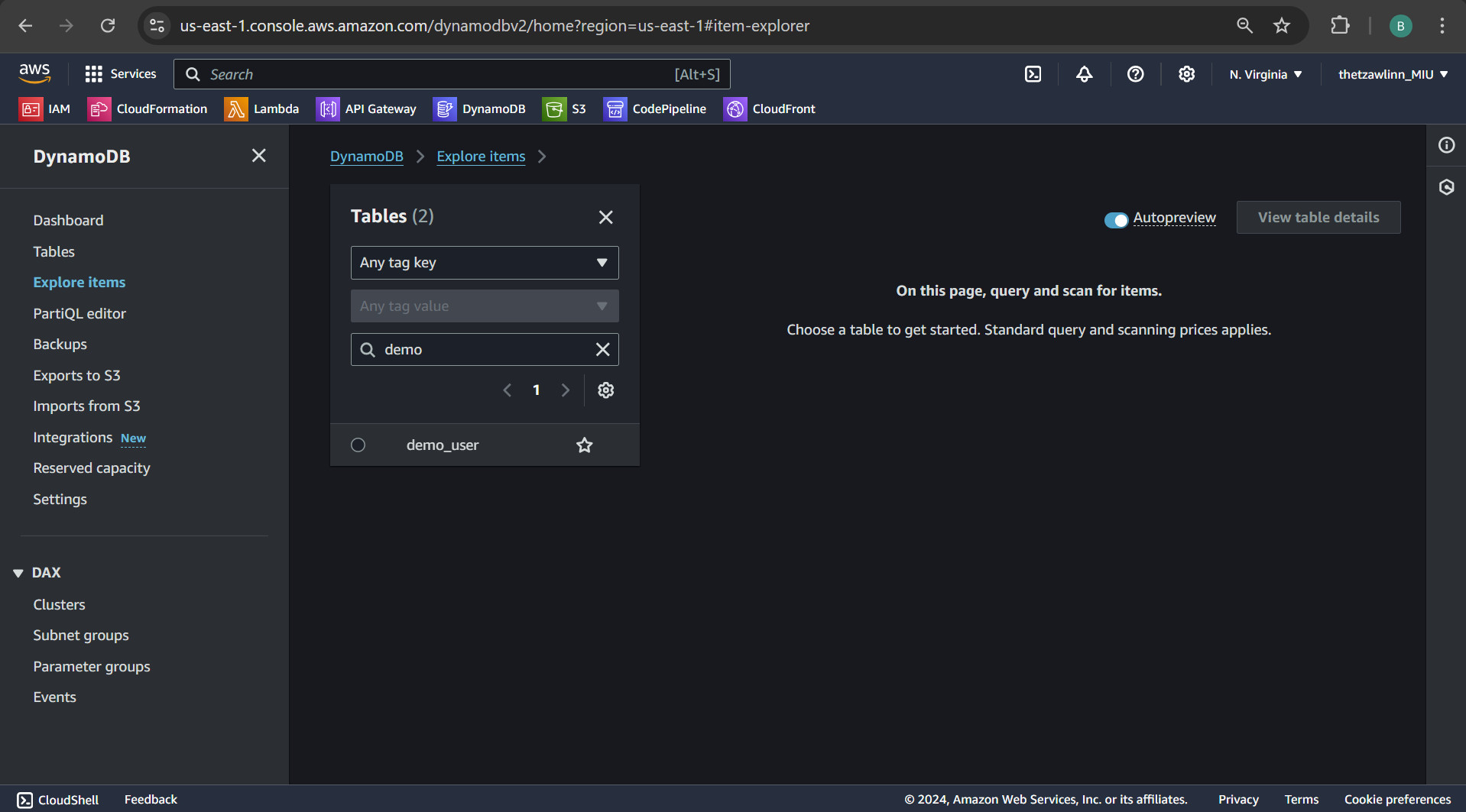


Meanwhile, cloudfront is still creating.

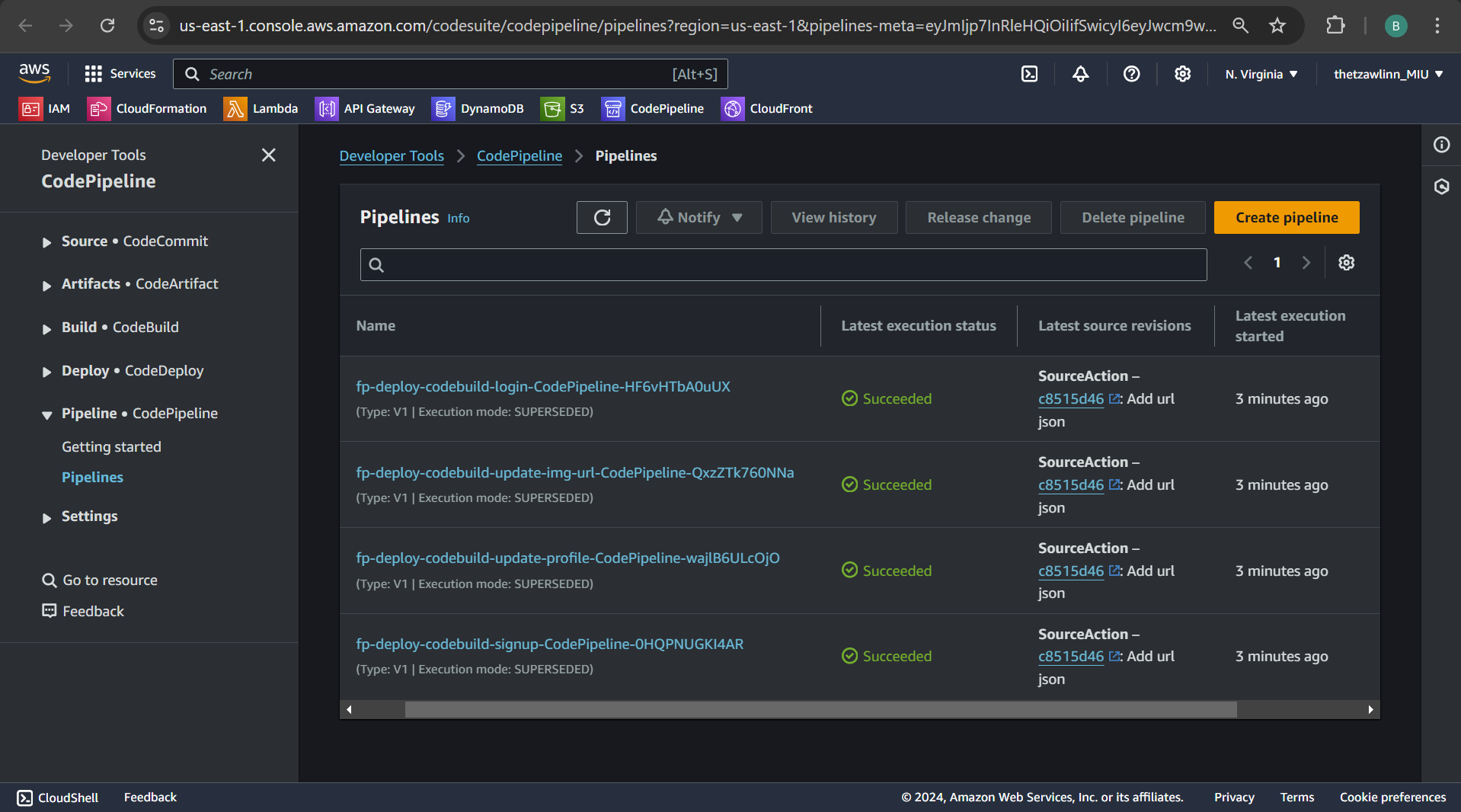
S3 bucket are created.



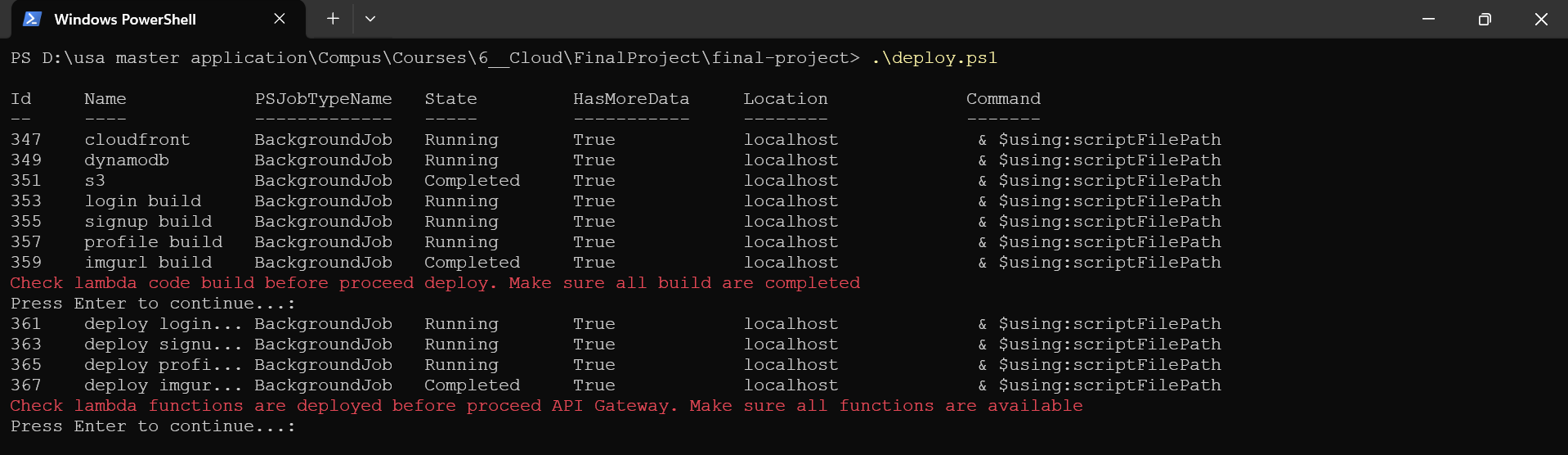
DynamoDB table is created.

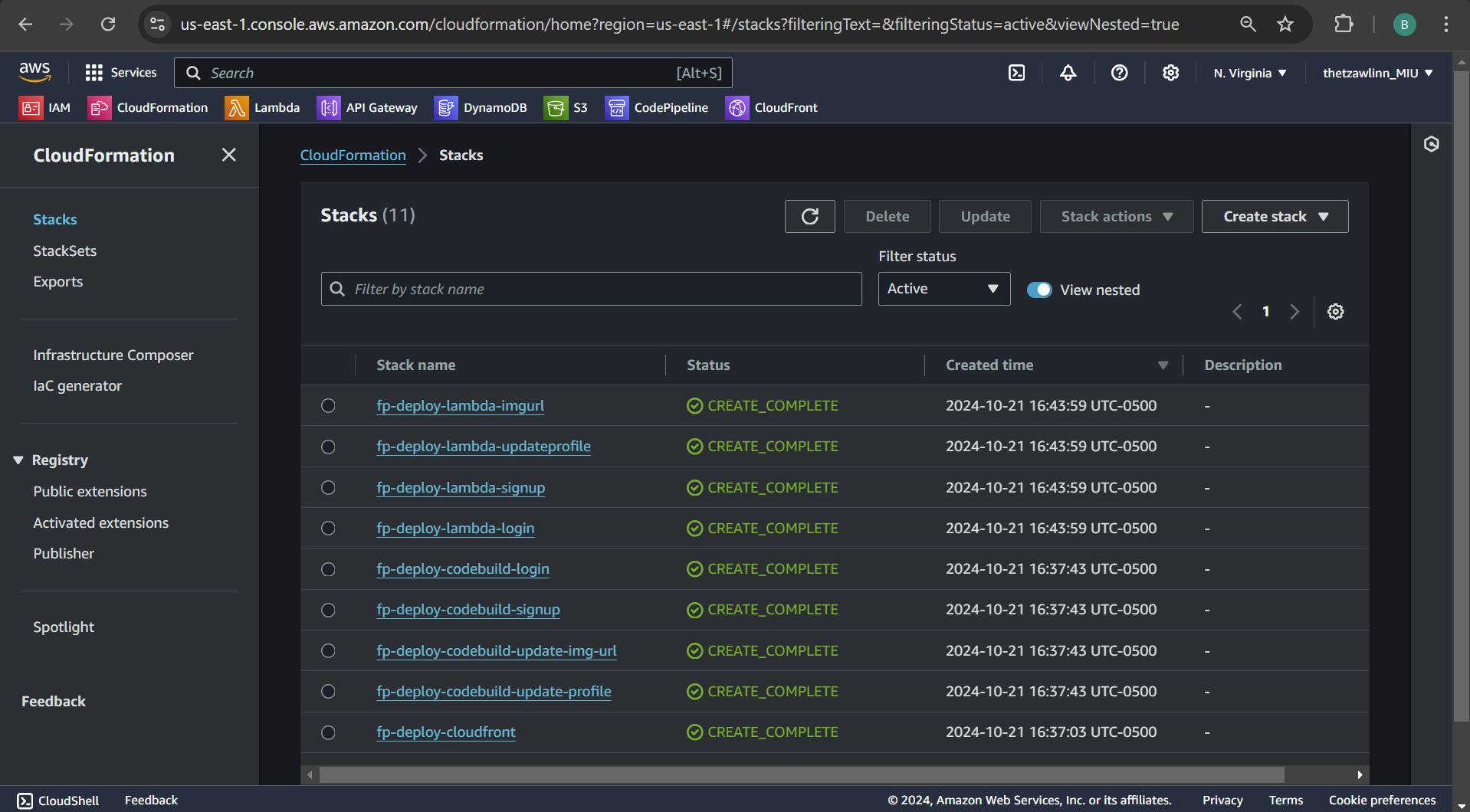


Once pipeline are success, Press enter to proceed second stage.

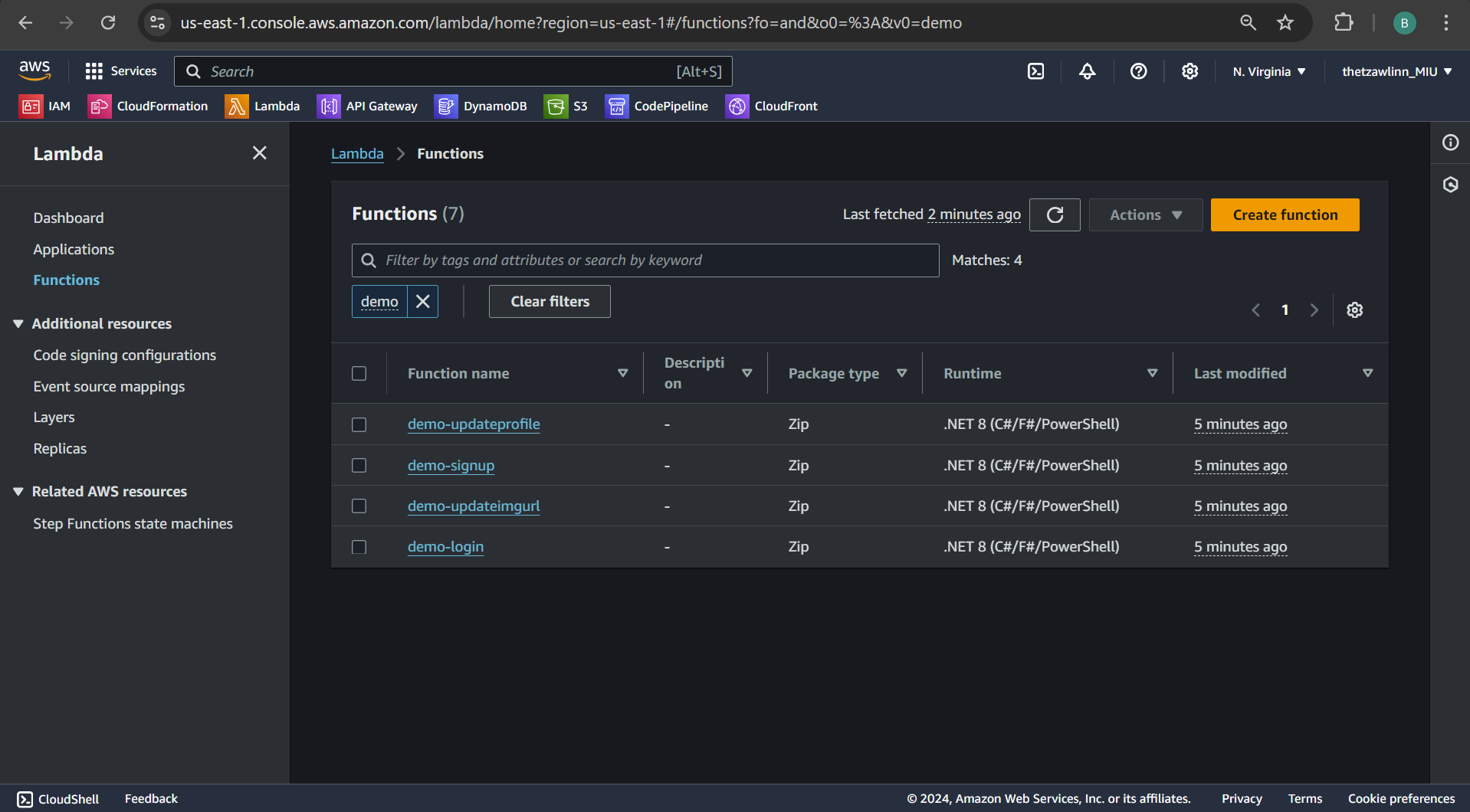


Second stage, lambda function will be deploy.

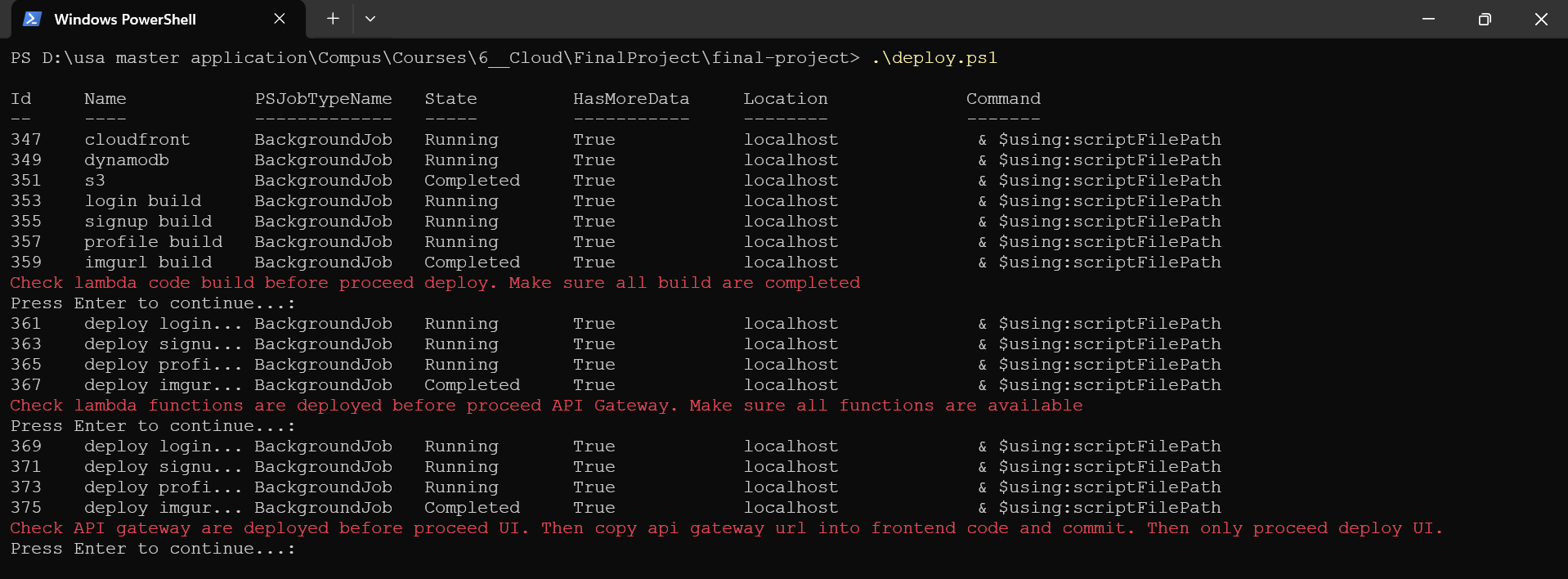


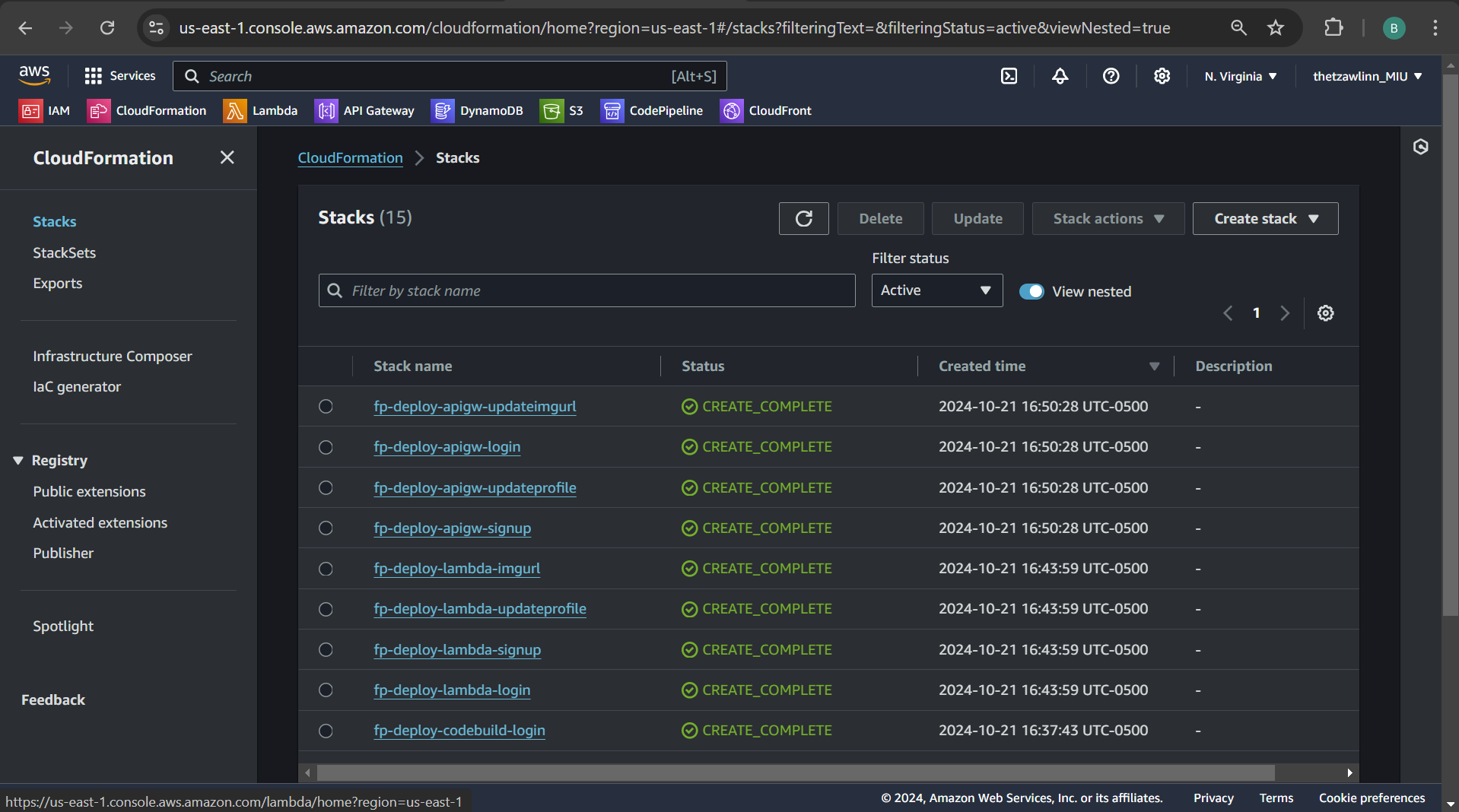


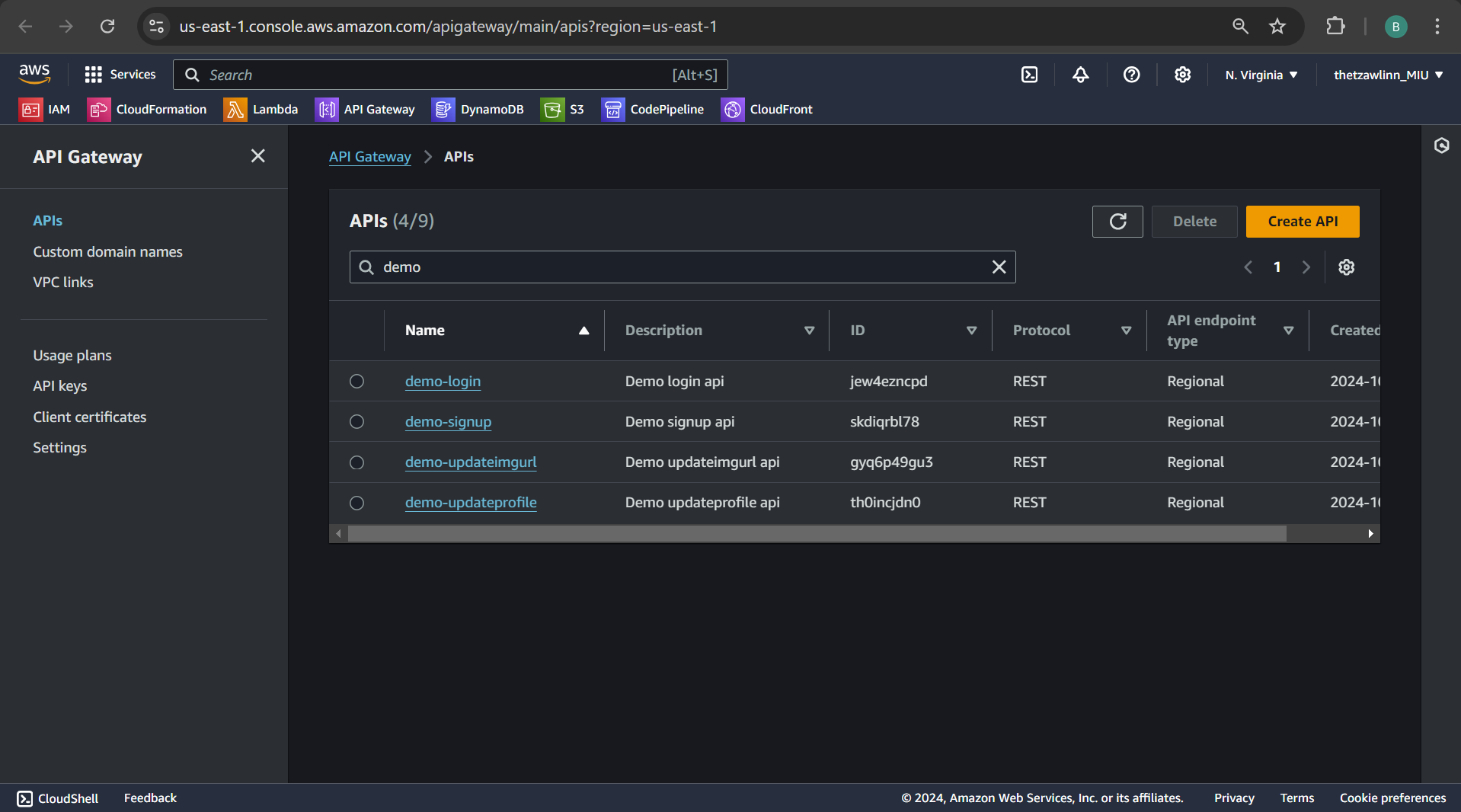
After lambda functions are created successfully, press enter to proceed third stage.



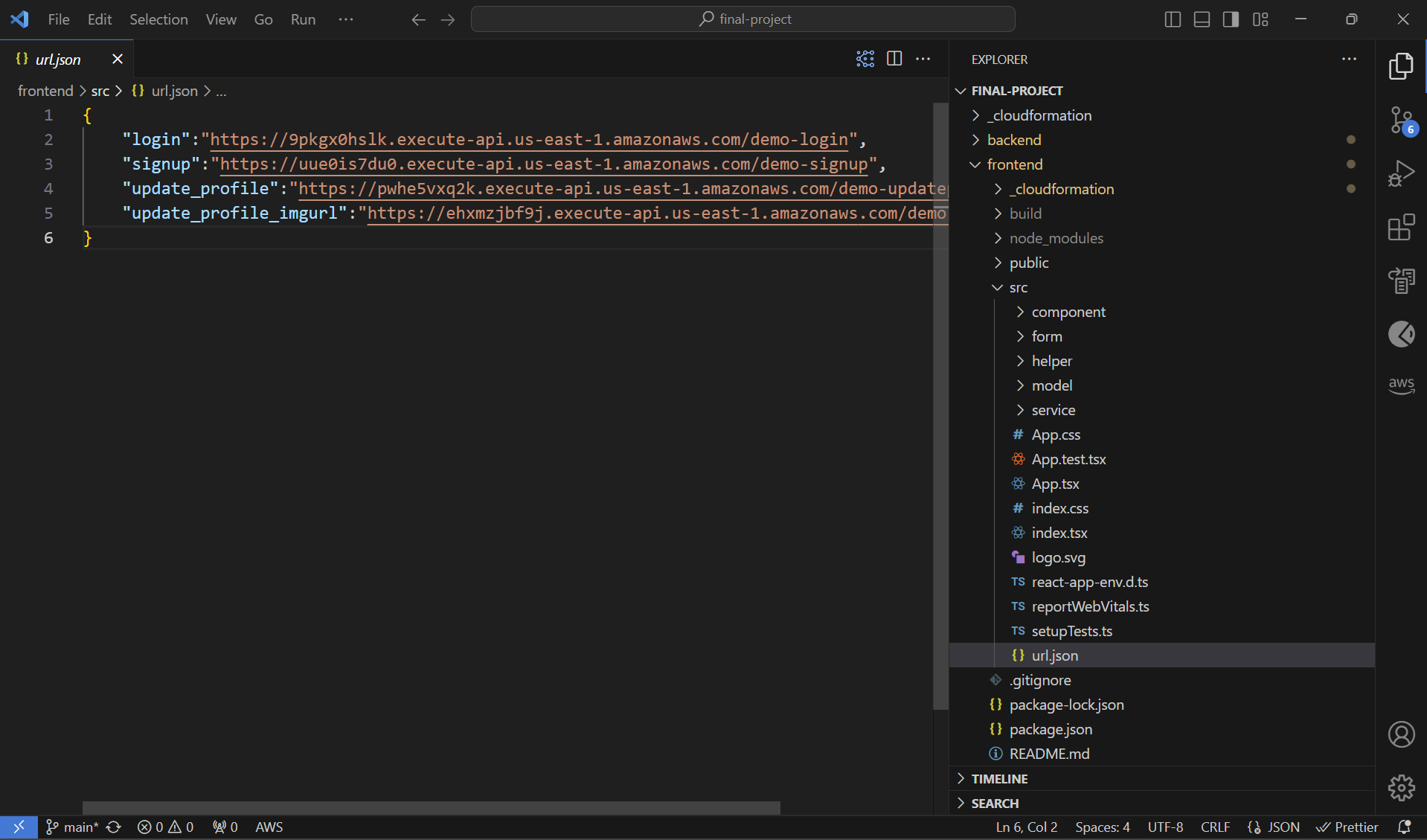
Third stage, api gateway will be created.

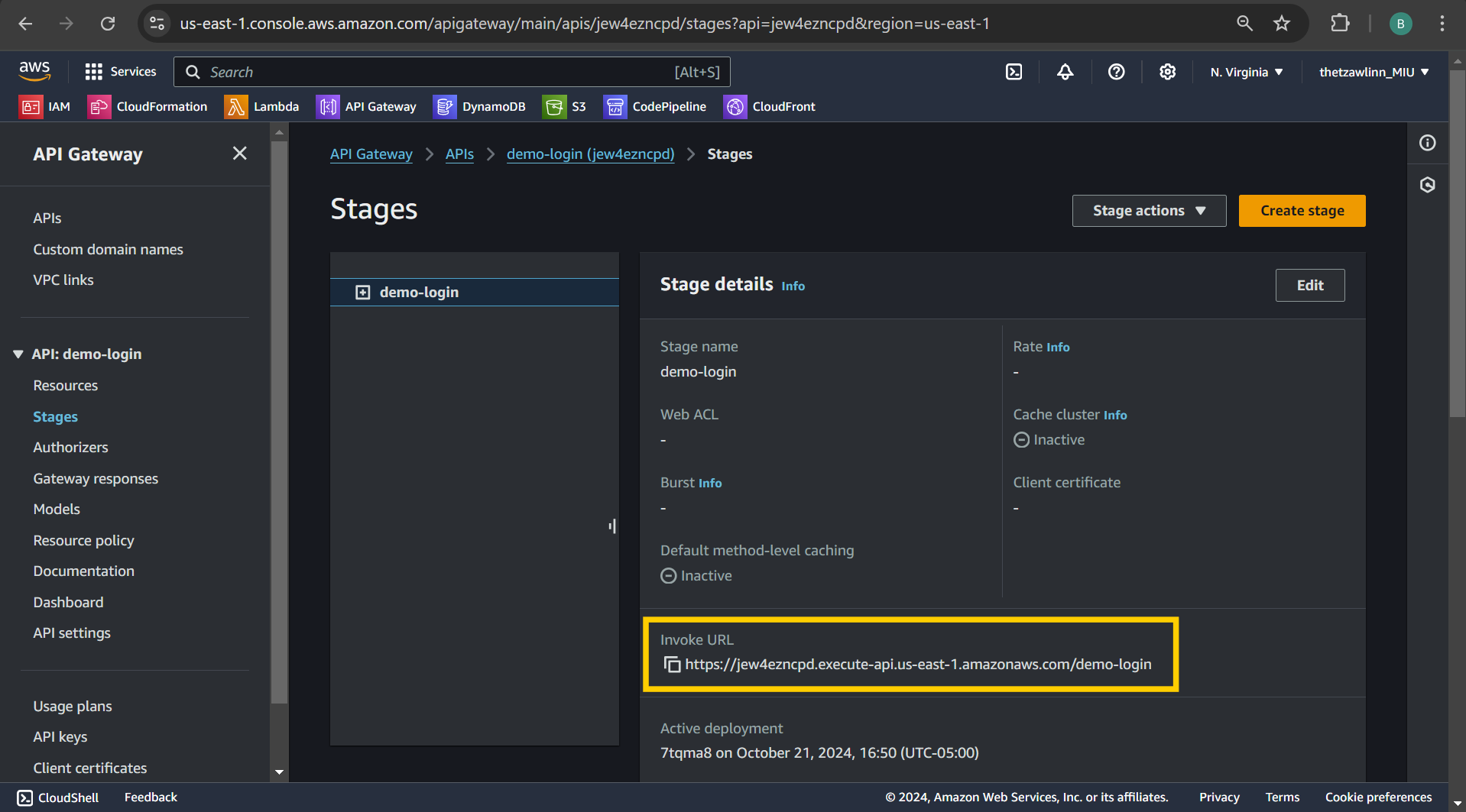


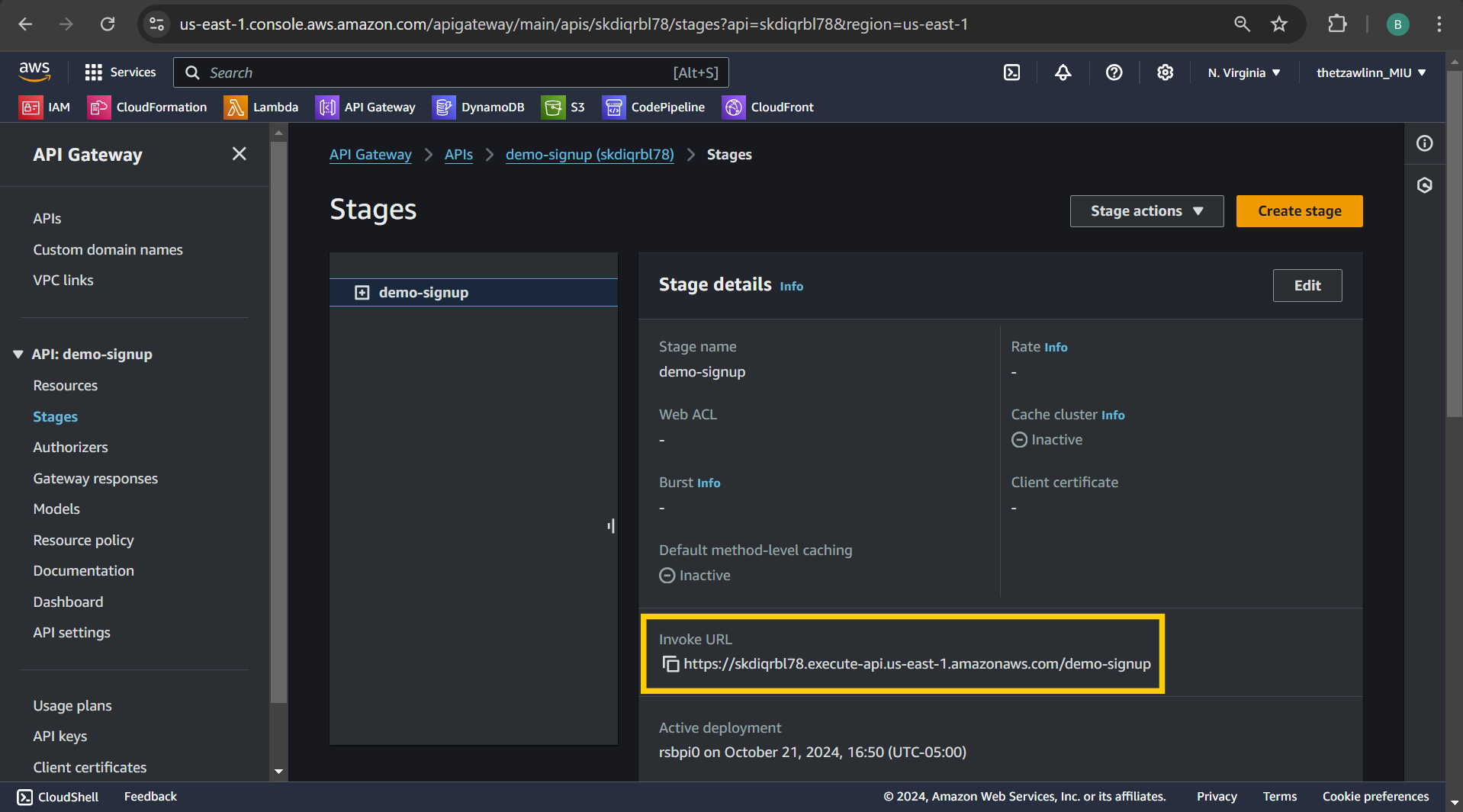


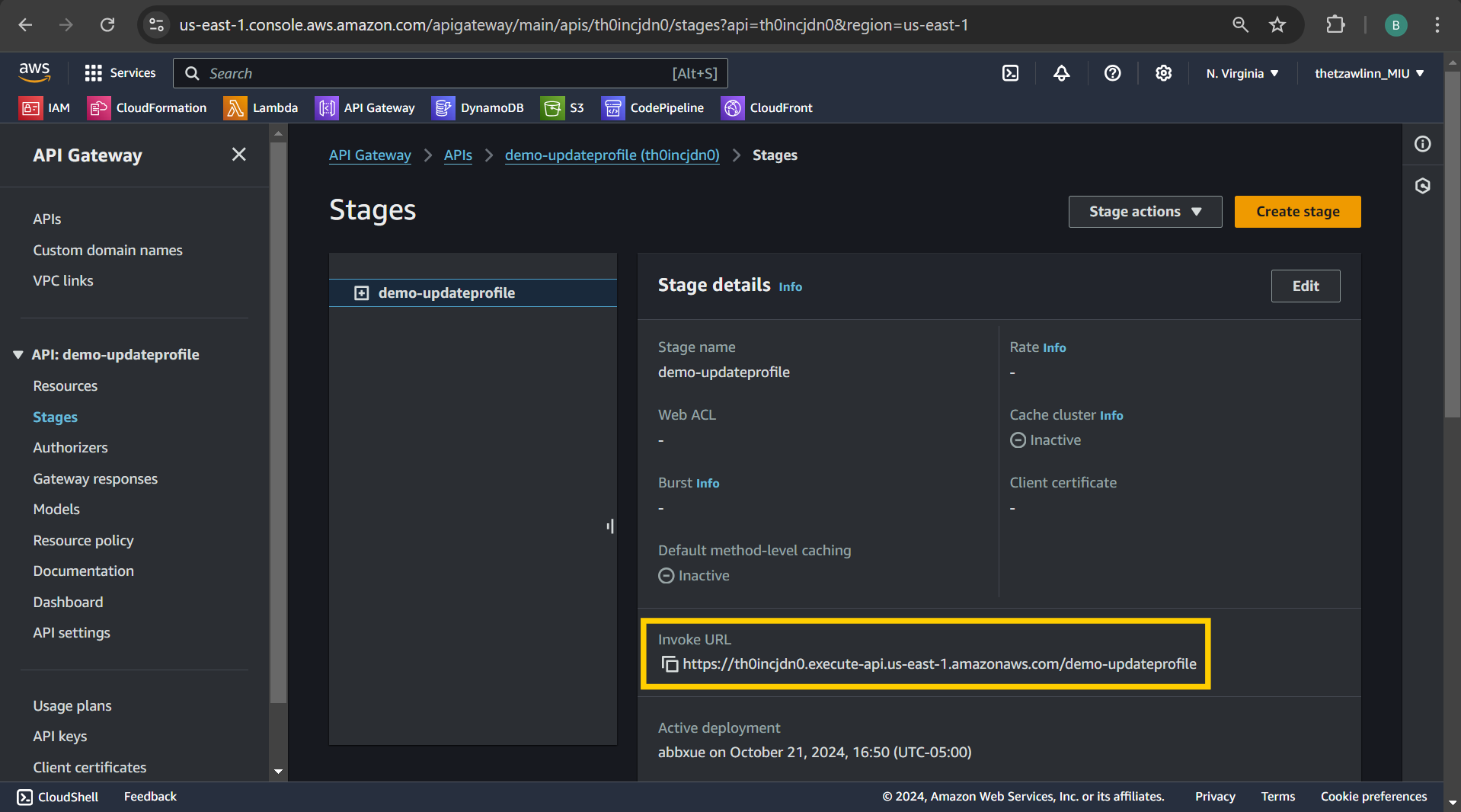


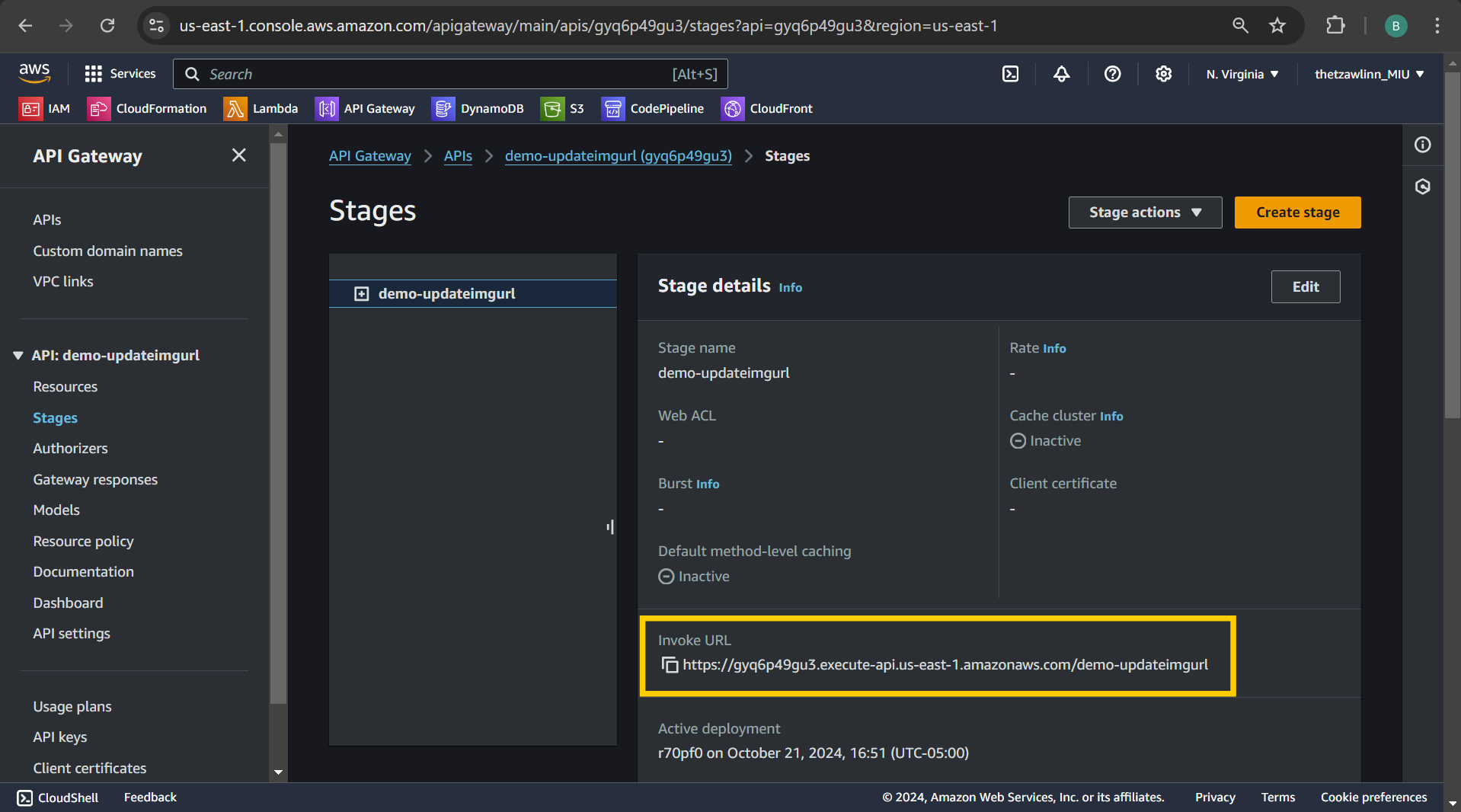
After successfully create api gateway, copy url into frontend/src/url.json and commit to git.



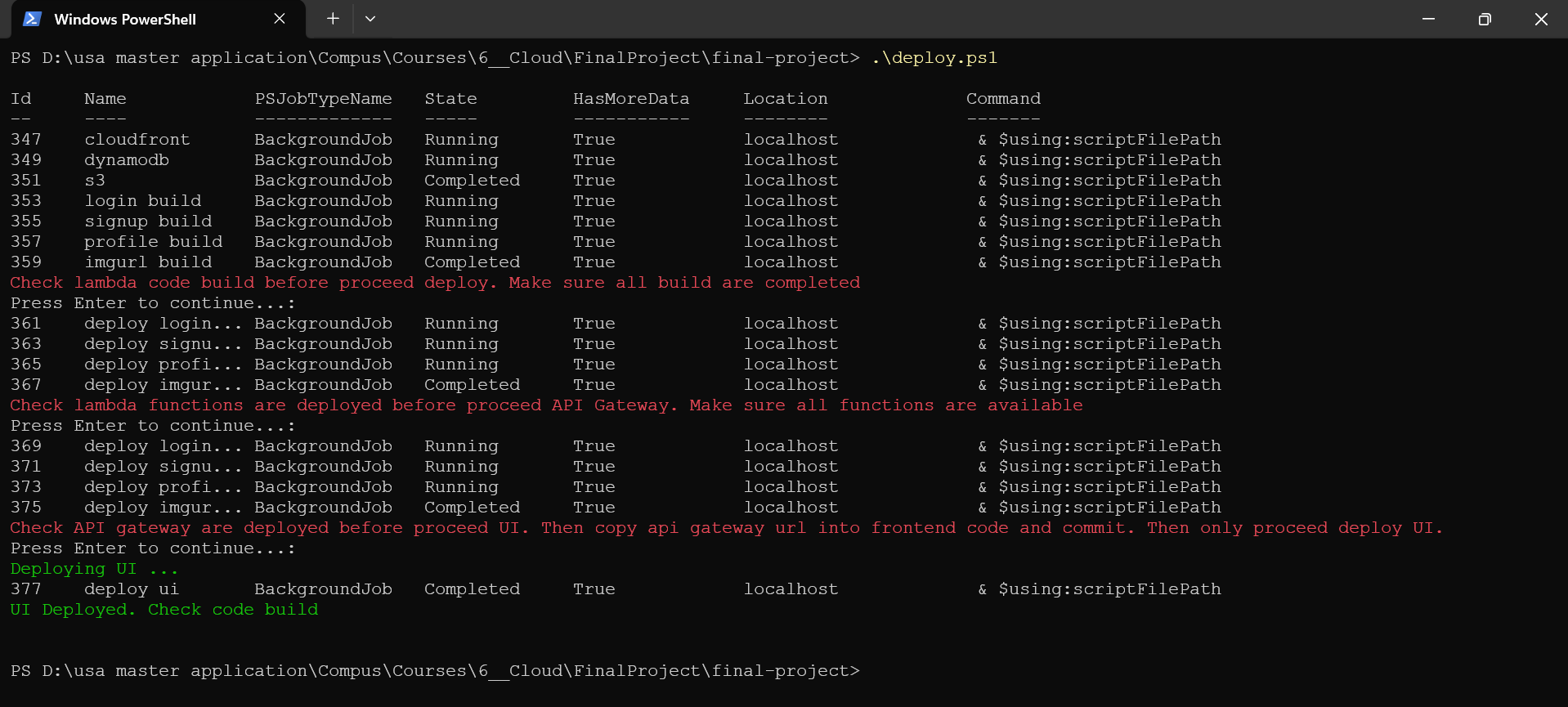


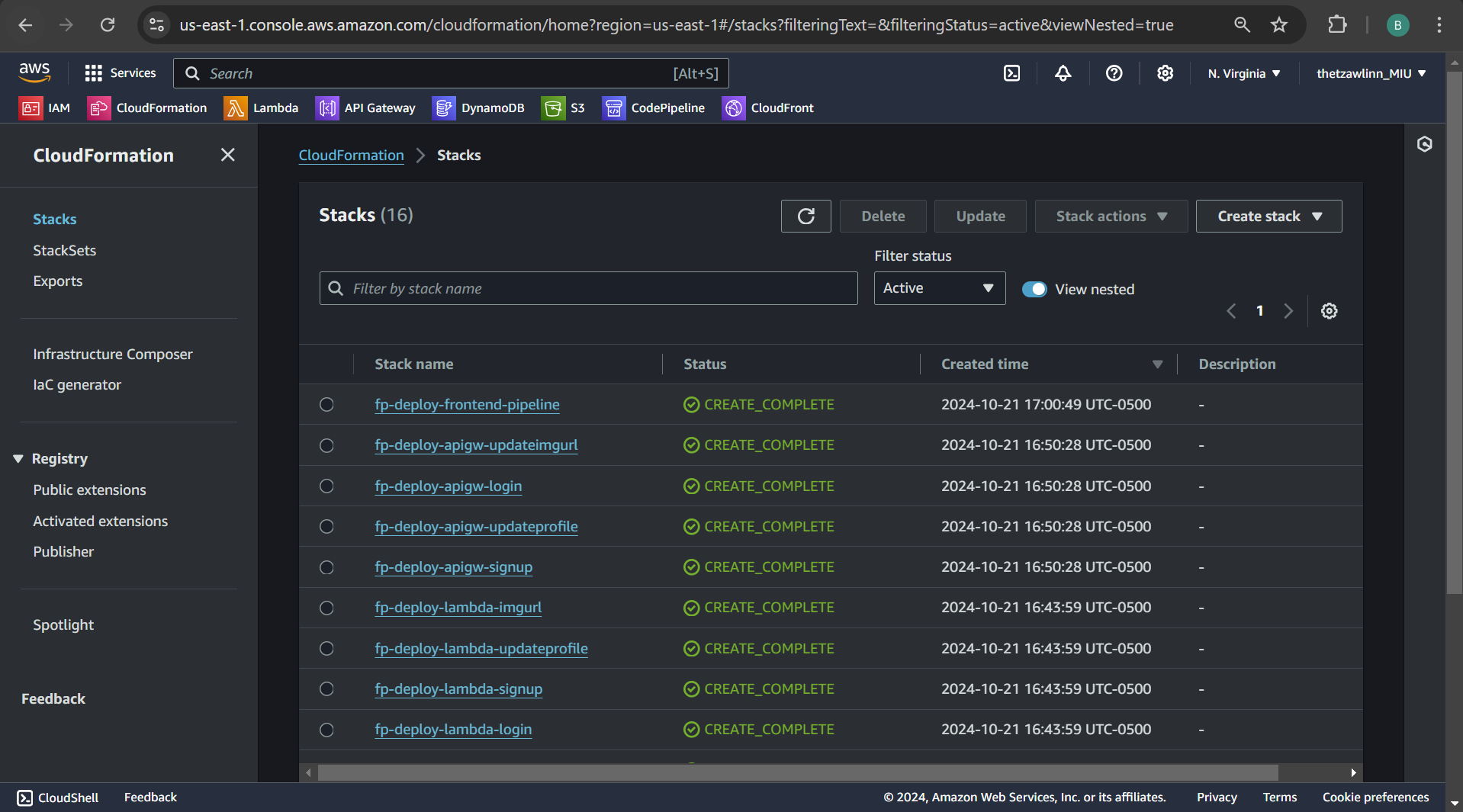






Press enter to deploy frontend to s3.

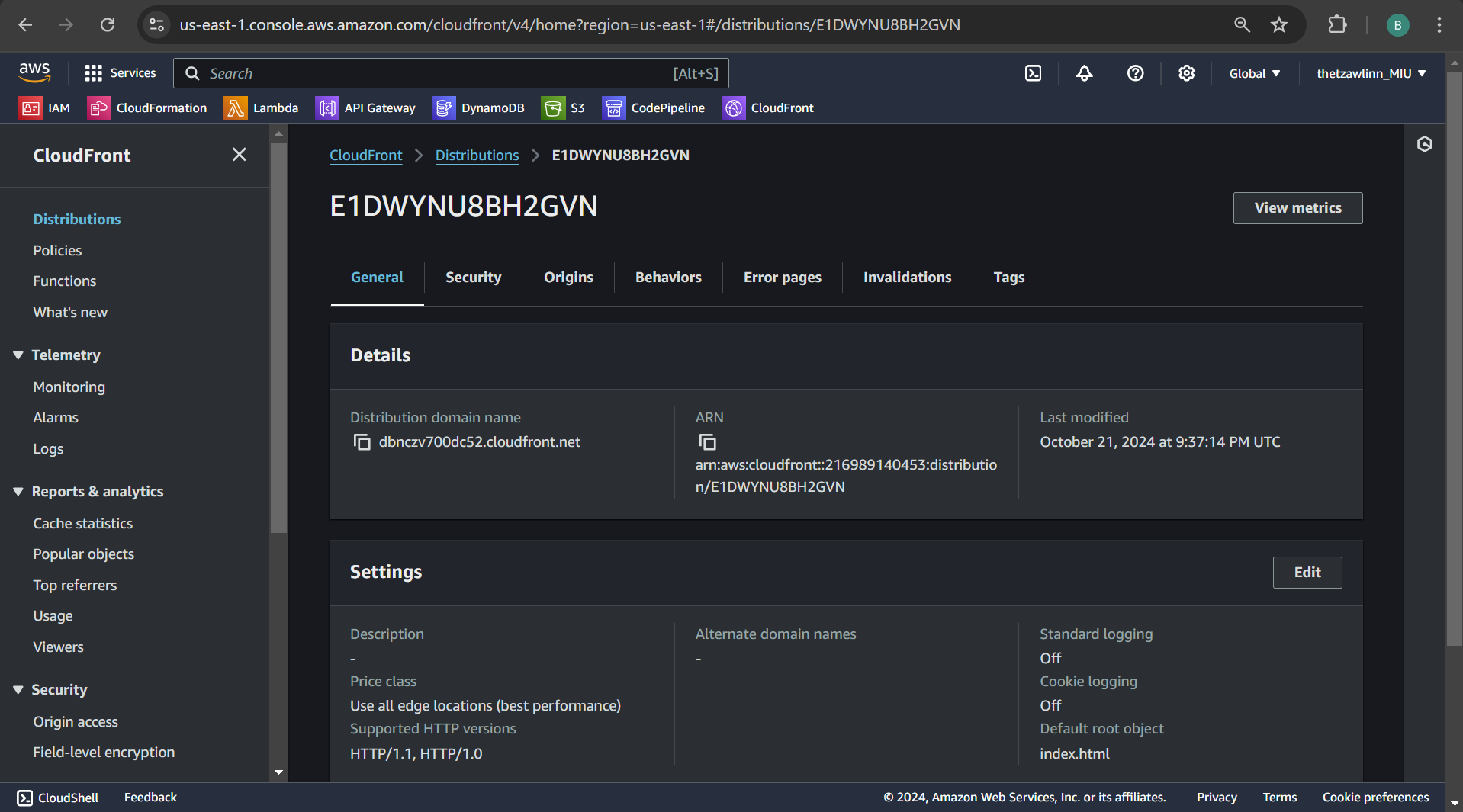


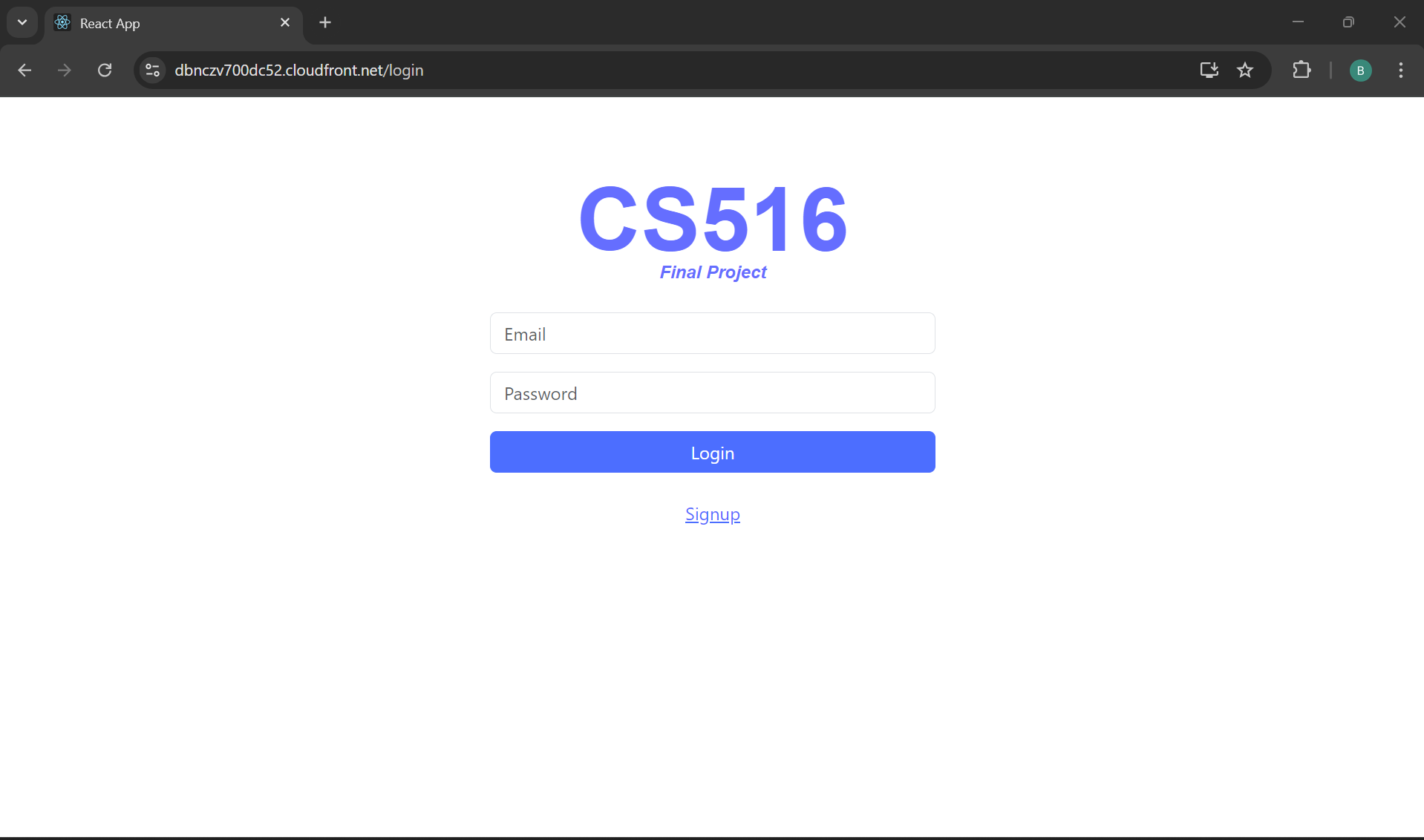


After frontend pipeline is successfully created, check build to complete.



After pipeline is completed, go to cloud front and copy url and open in browser. Login page will be loaded.

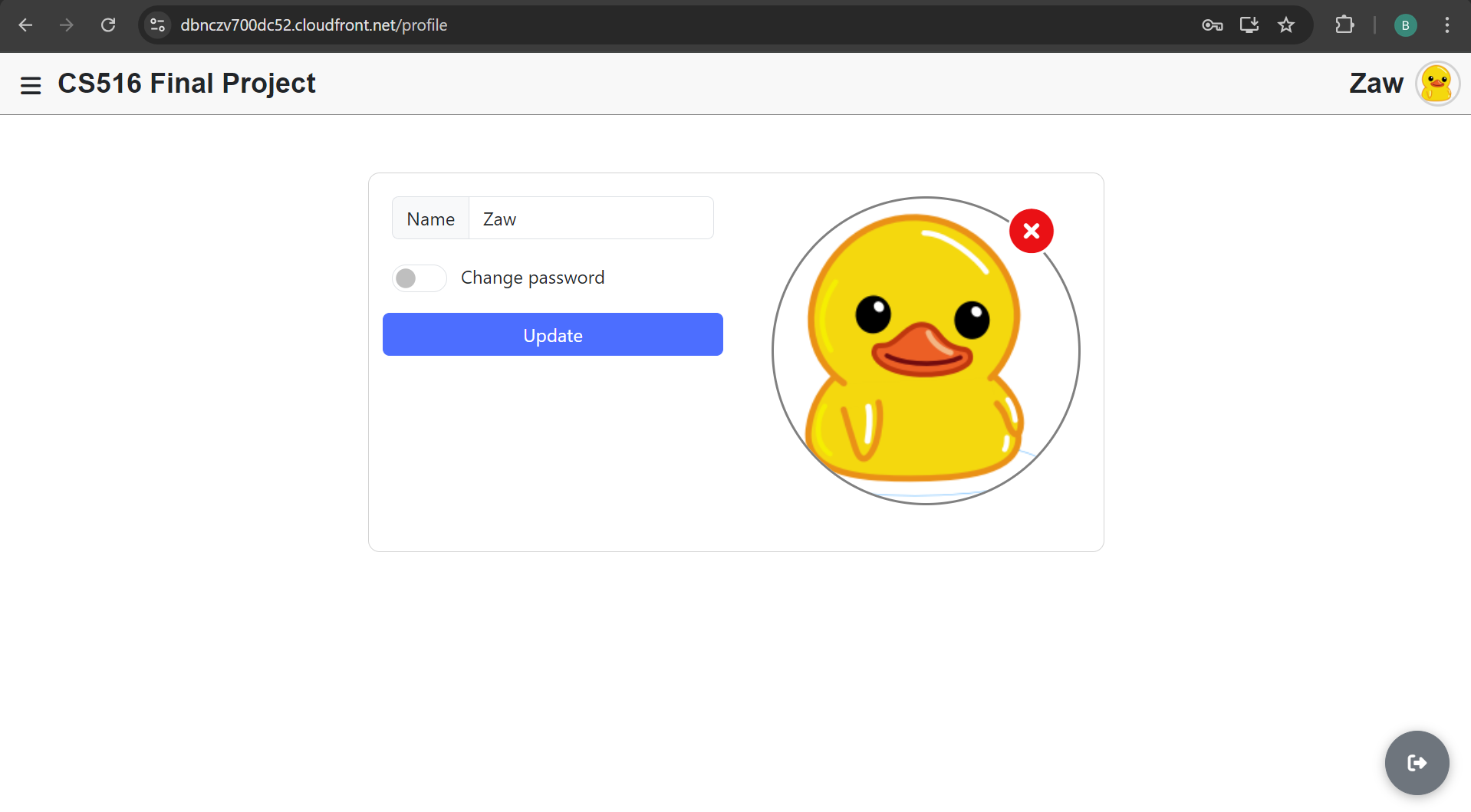




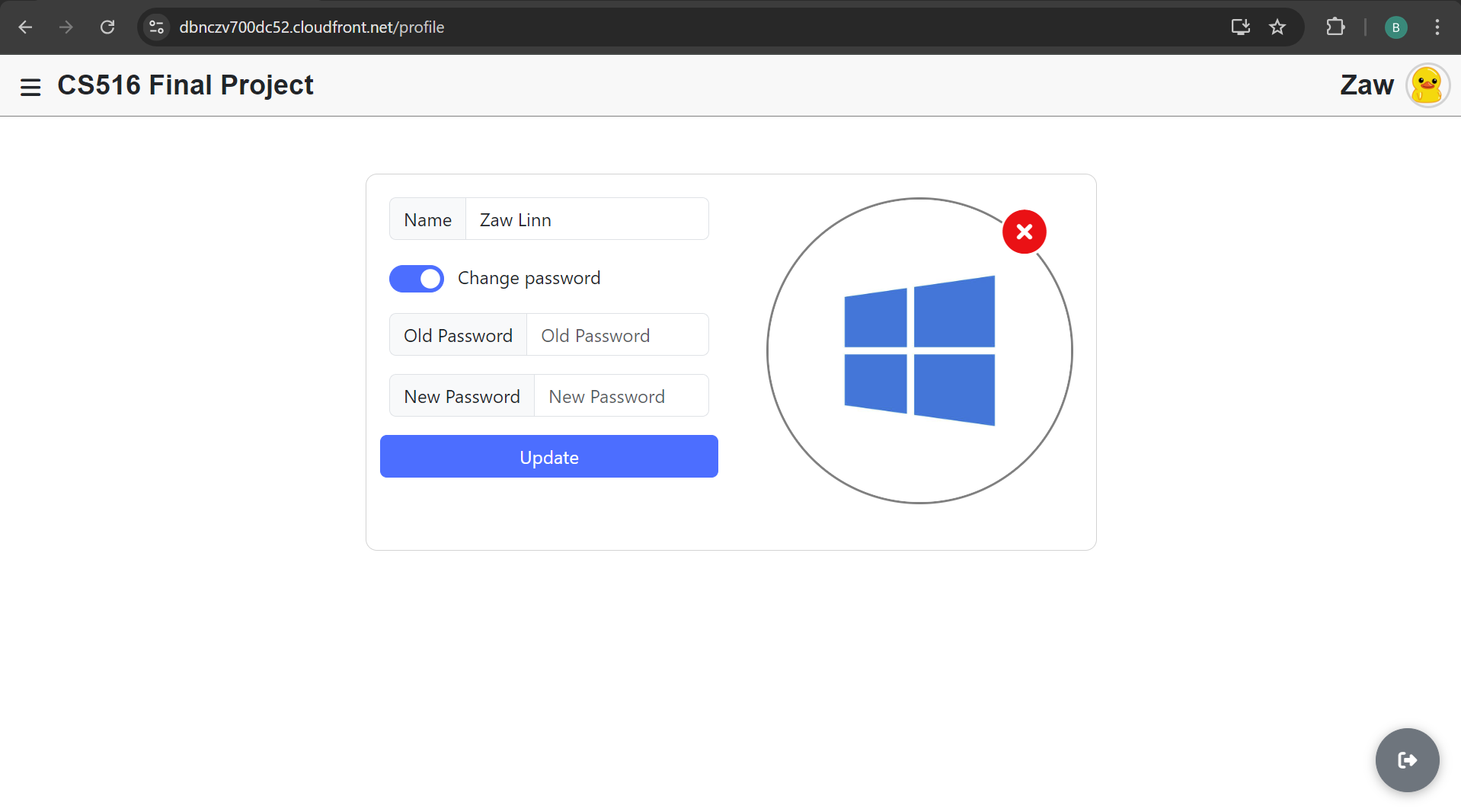
Signup new user in first time.

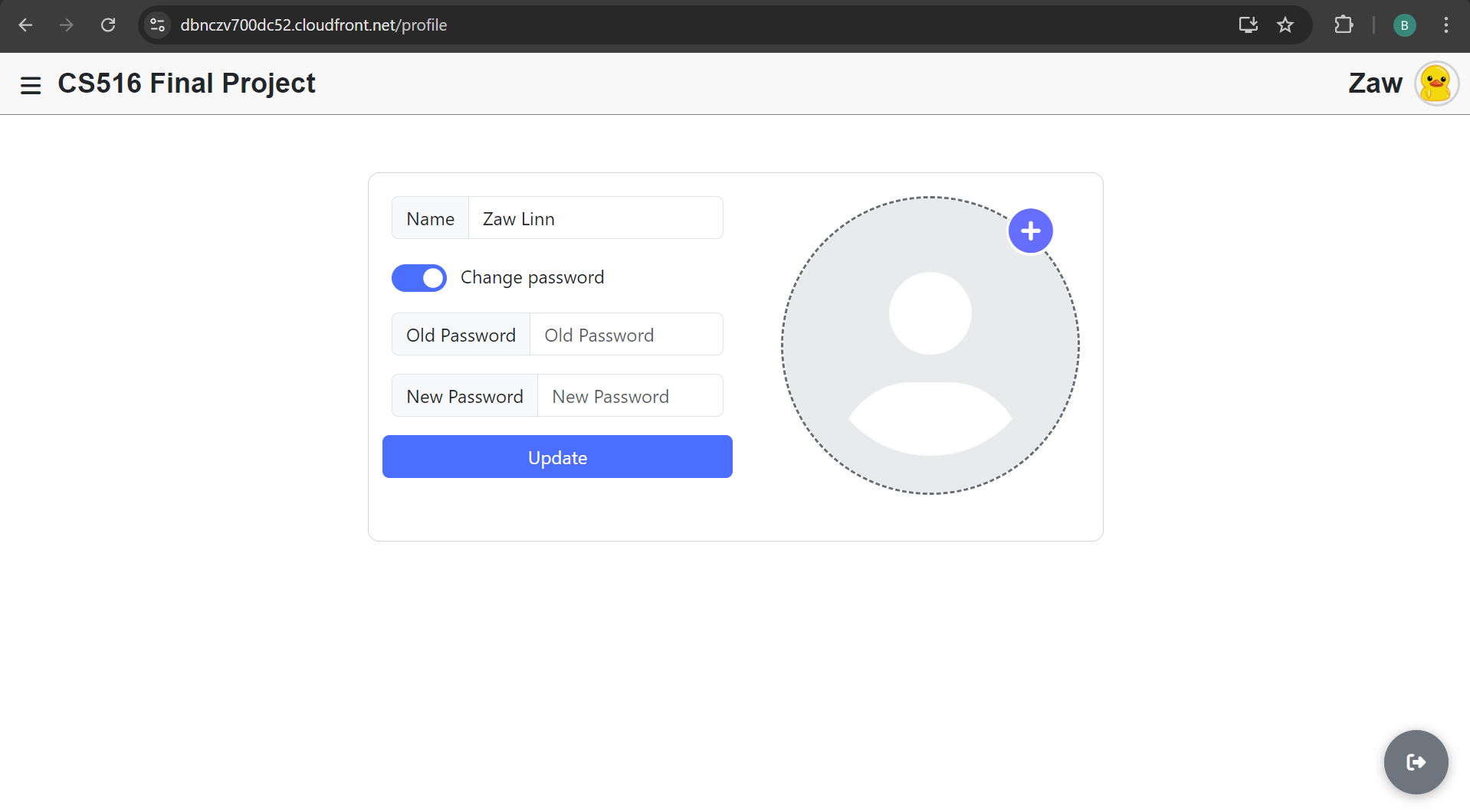


After successfully signup, application will be redirect to profile page.



In profile, user can change Name, Password and Profile Image. Profile Image can leave as empty as well.





Record will be created in dynamodb (password is encrypted) and profile image will be uploaded in S3.

