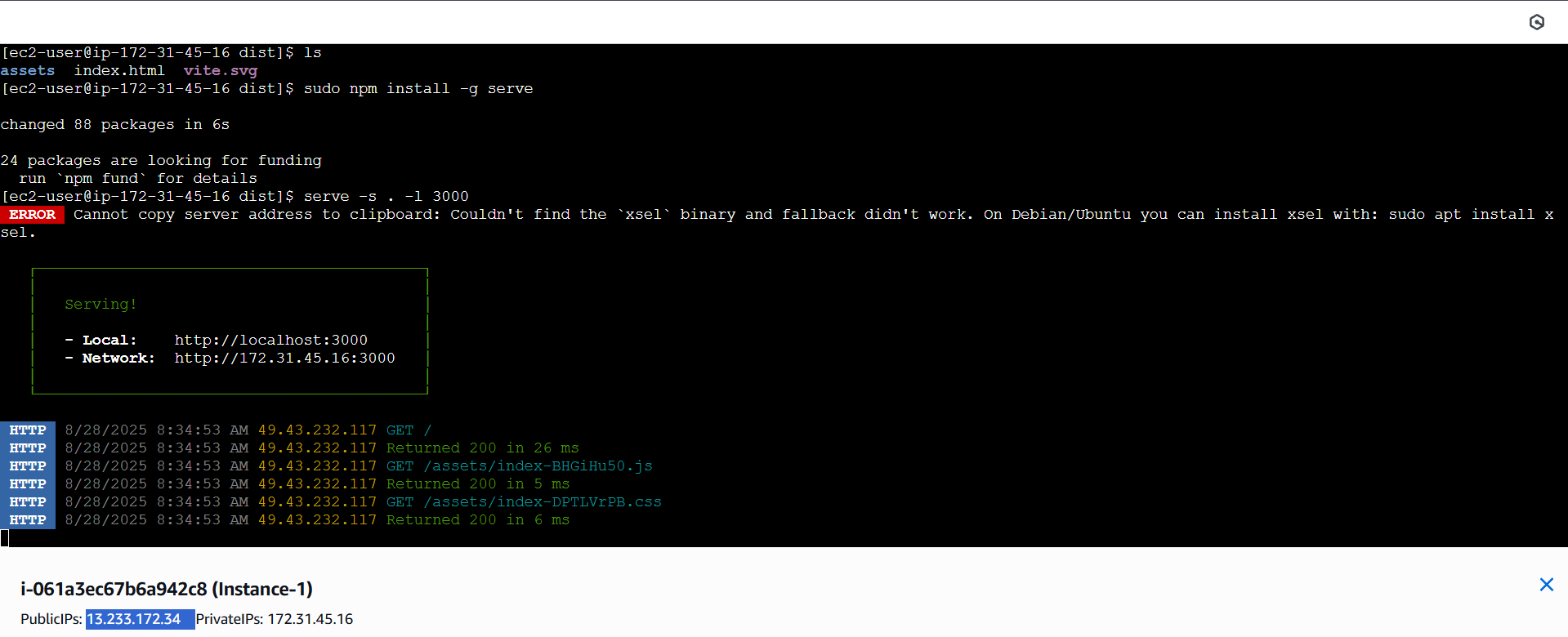
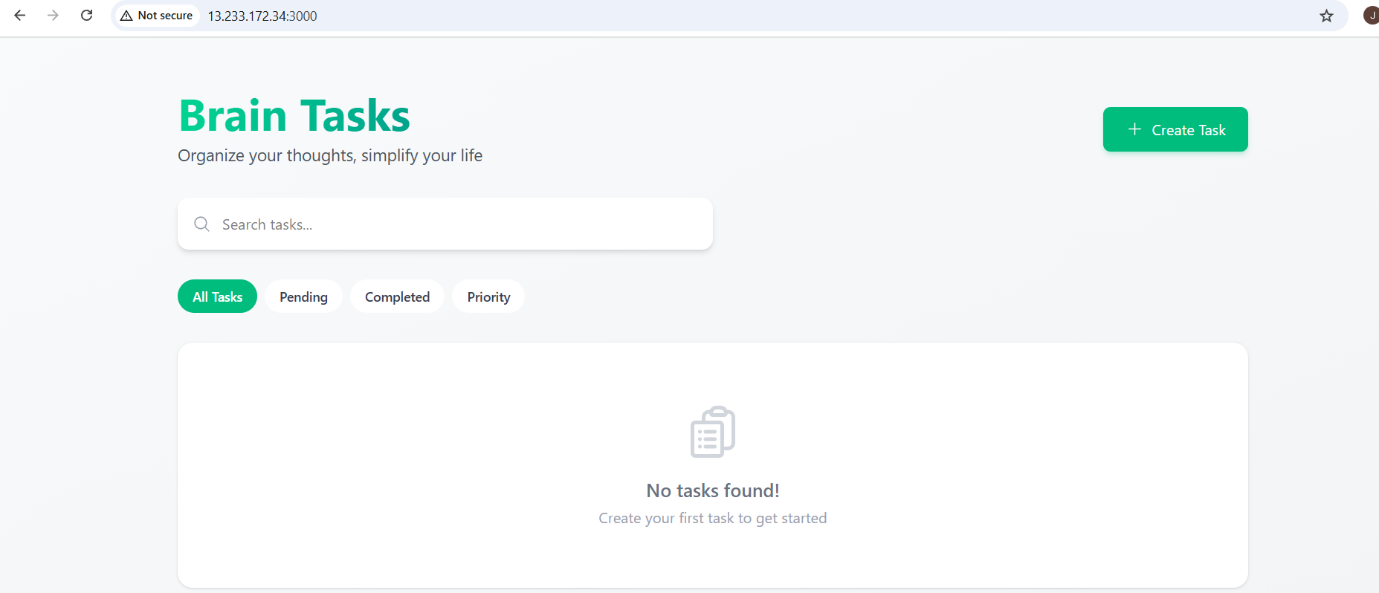
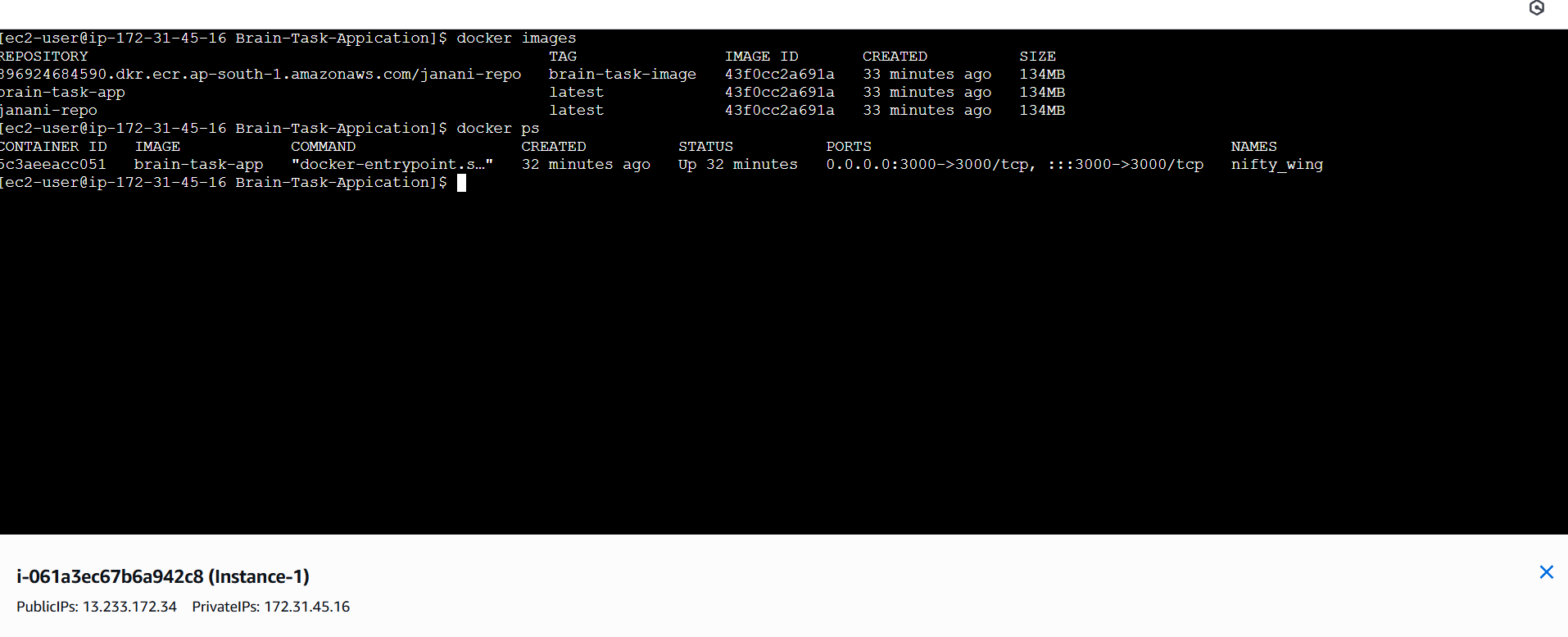
**MINI PROJECT -1 - APPLICATION DEPLOYMENT**

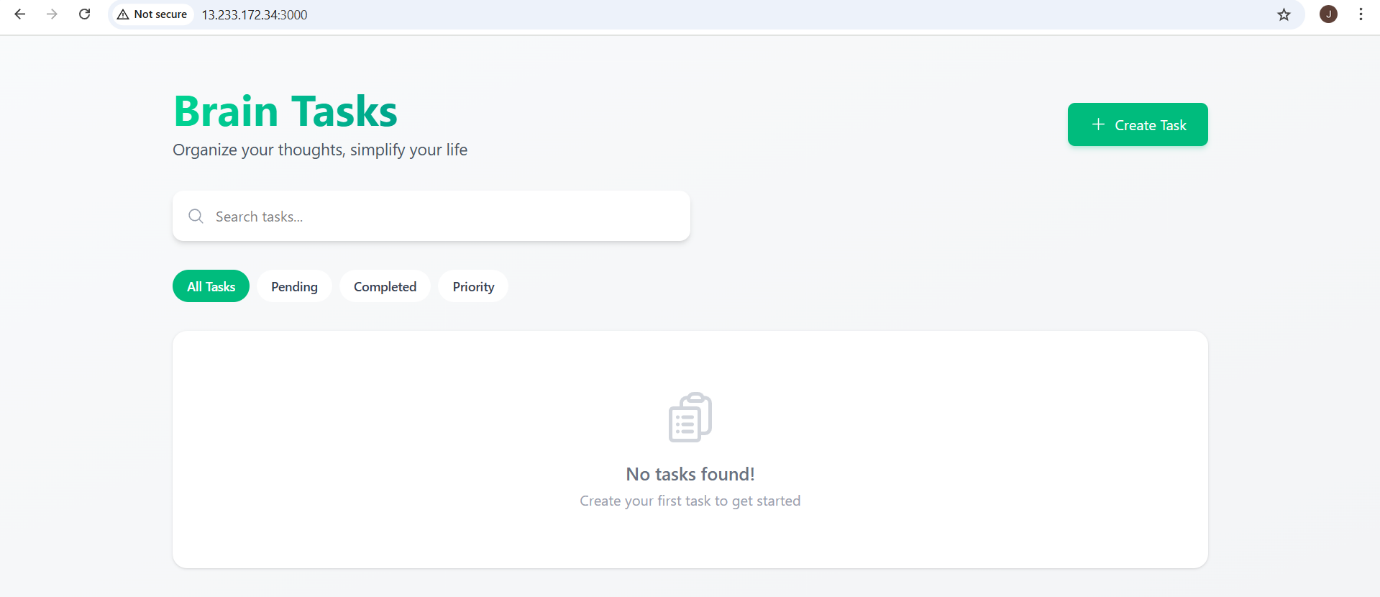
Github Link: <https://github.com/Janani-977/Brain-Task-Appication/tree/main>

Application:  


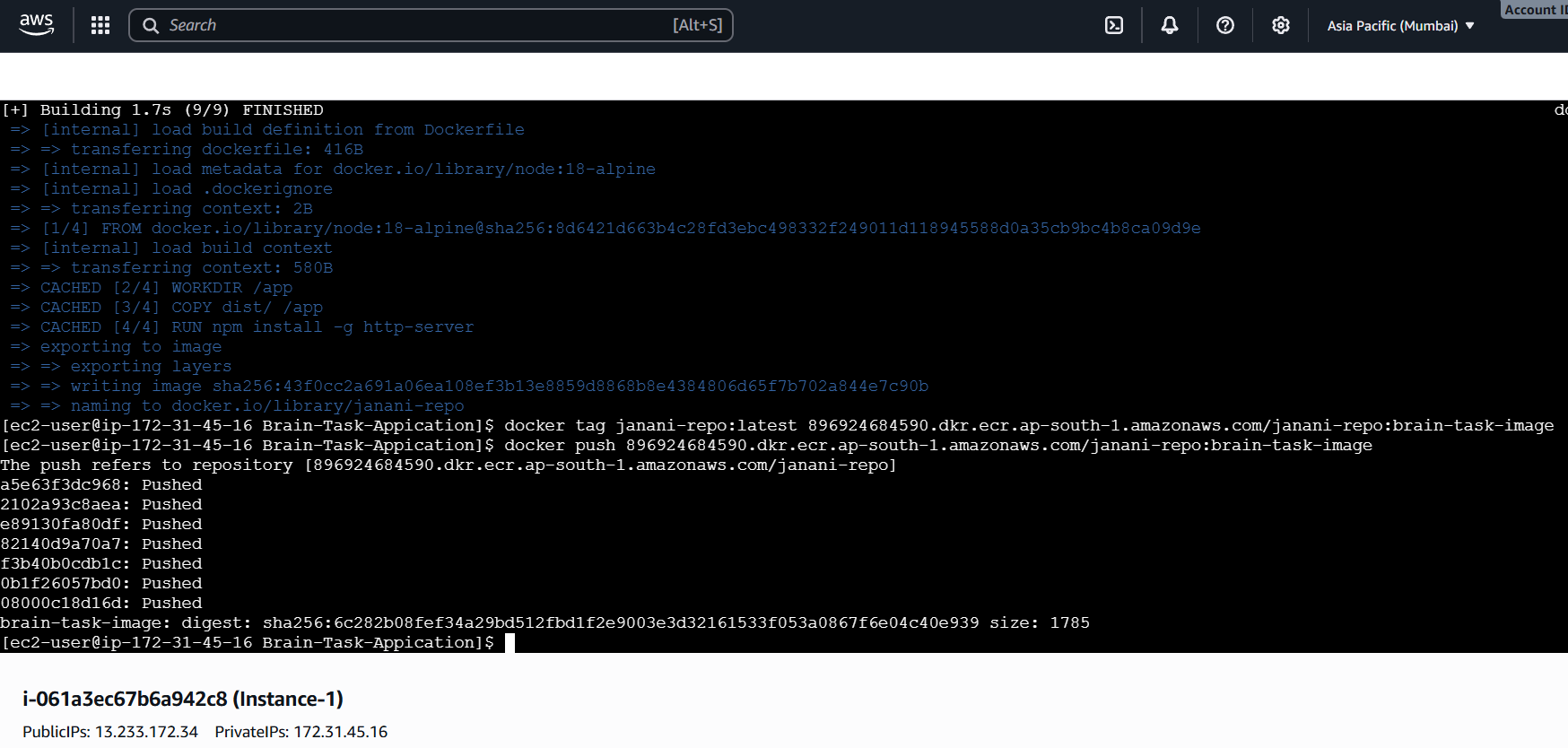


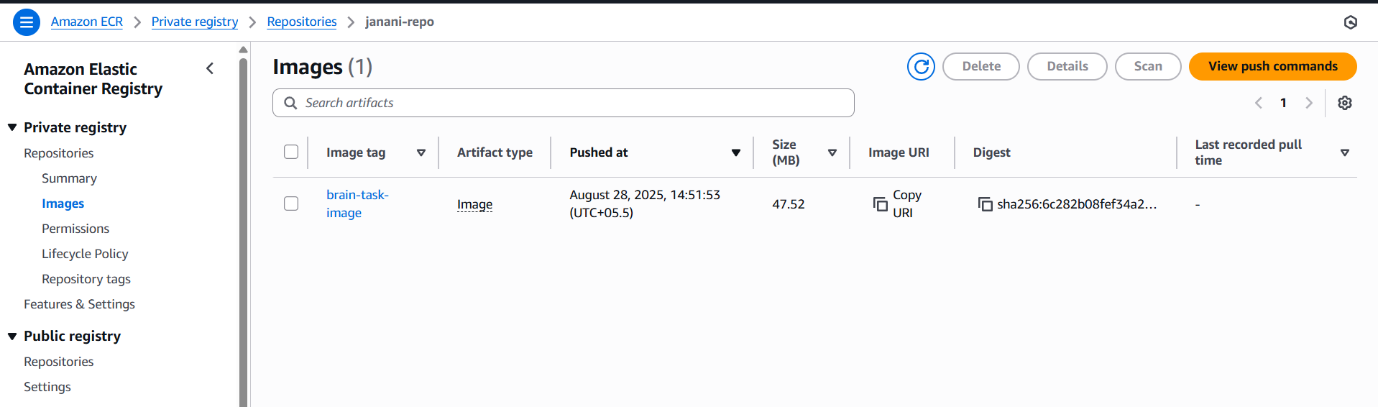
Docker:

Able to view the application

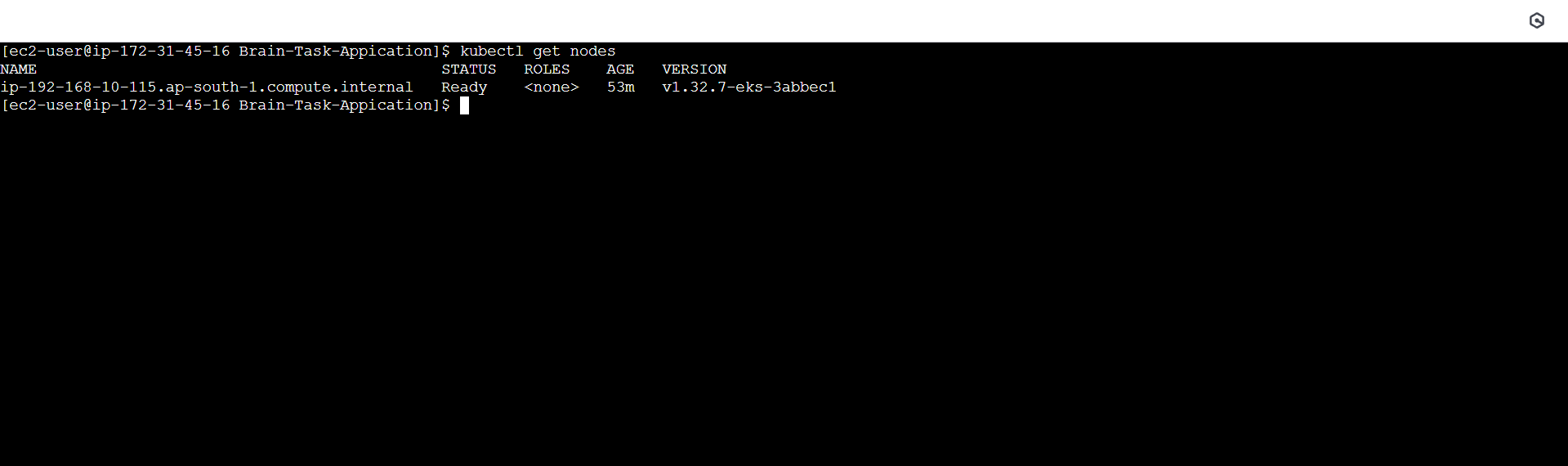


ECR:

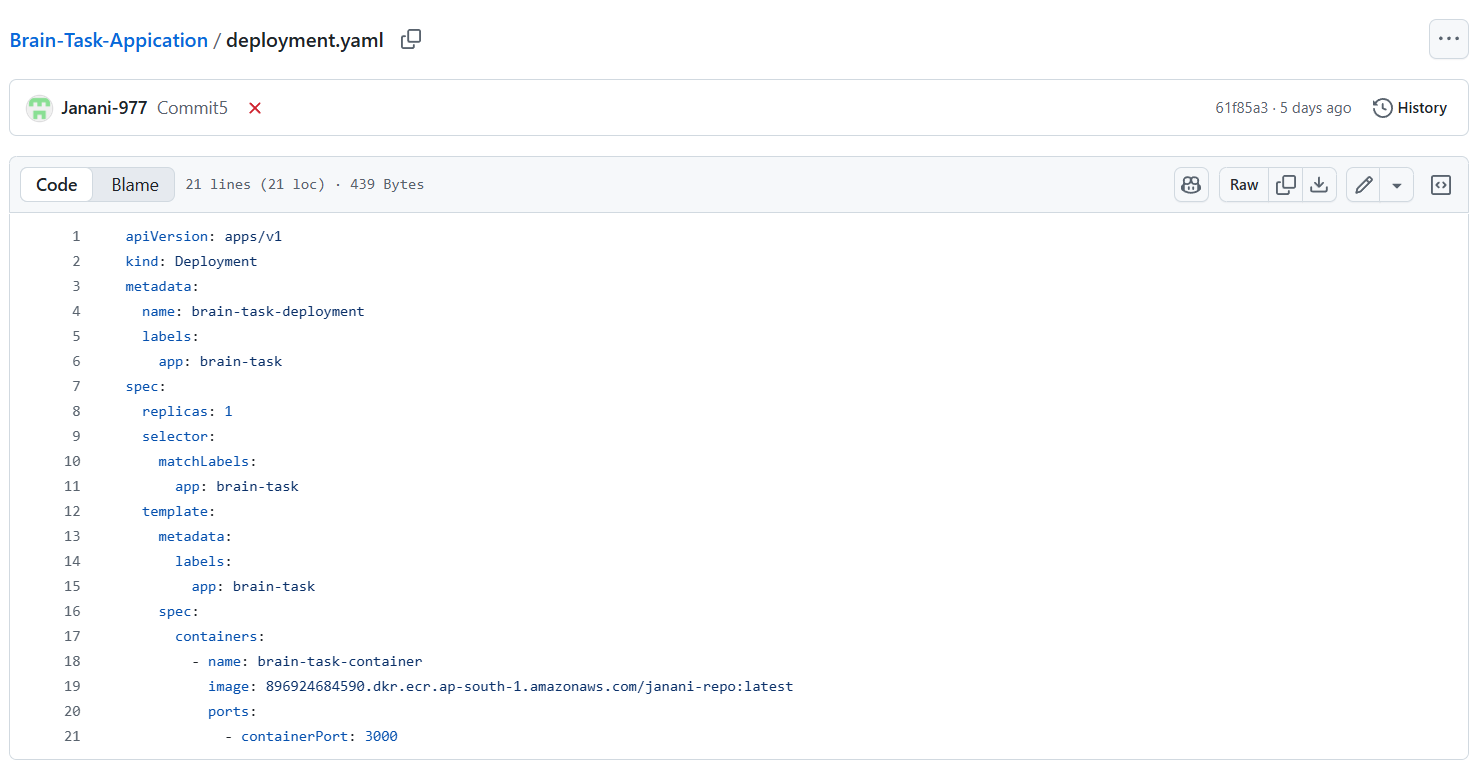




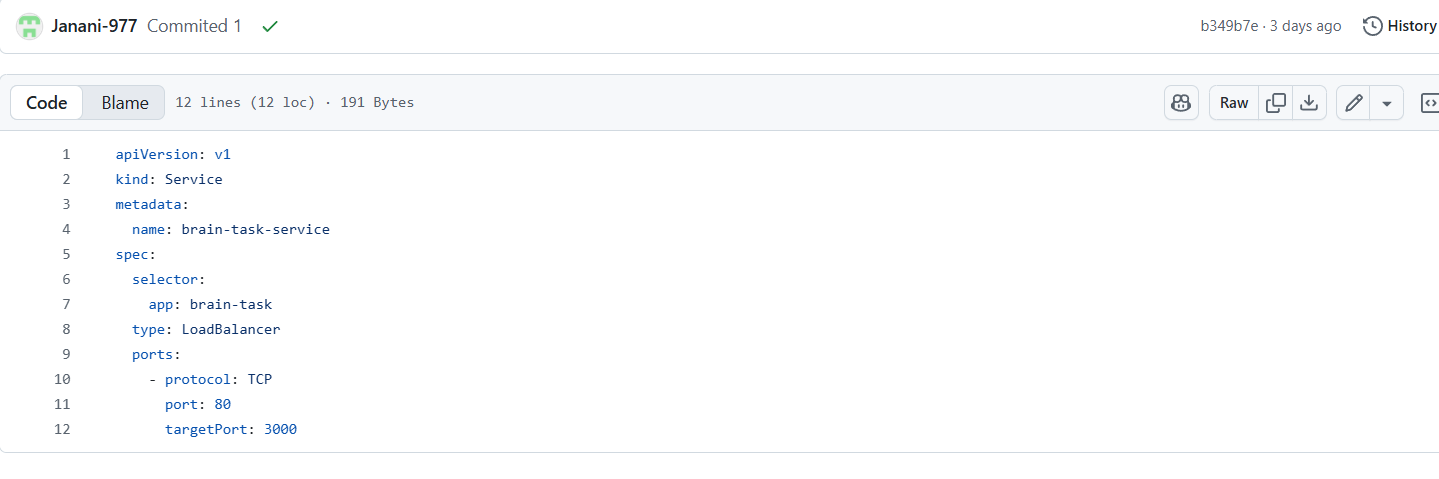
Kubernetes:



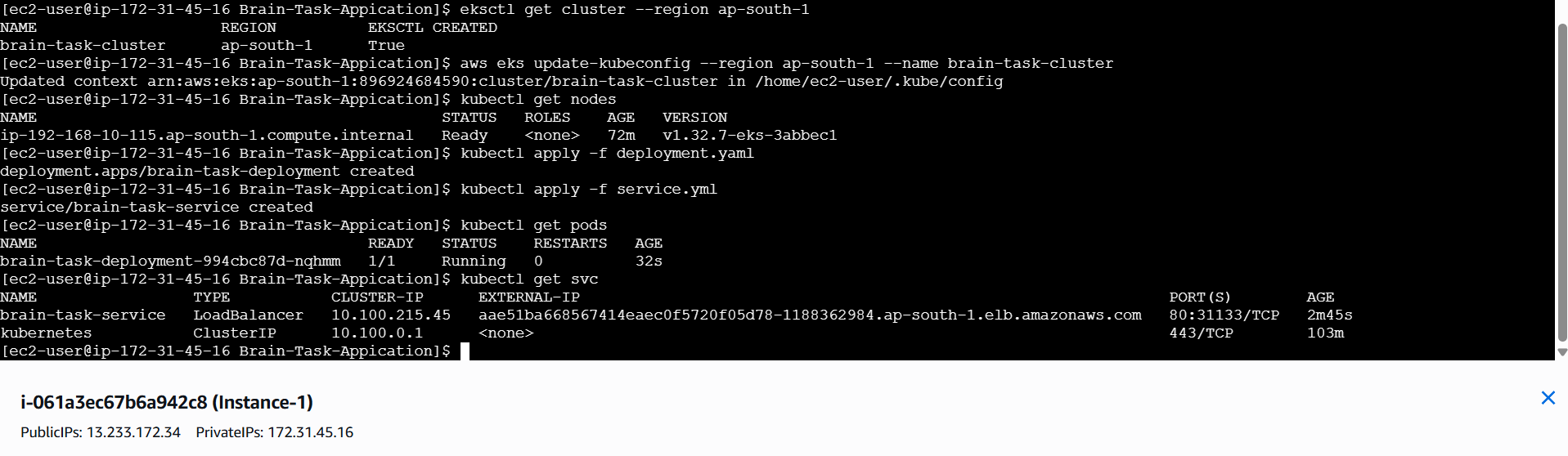
Created deployment.yaml

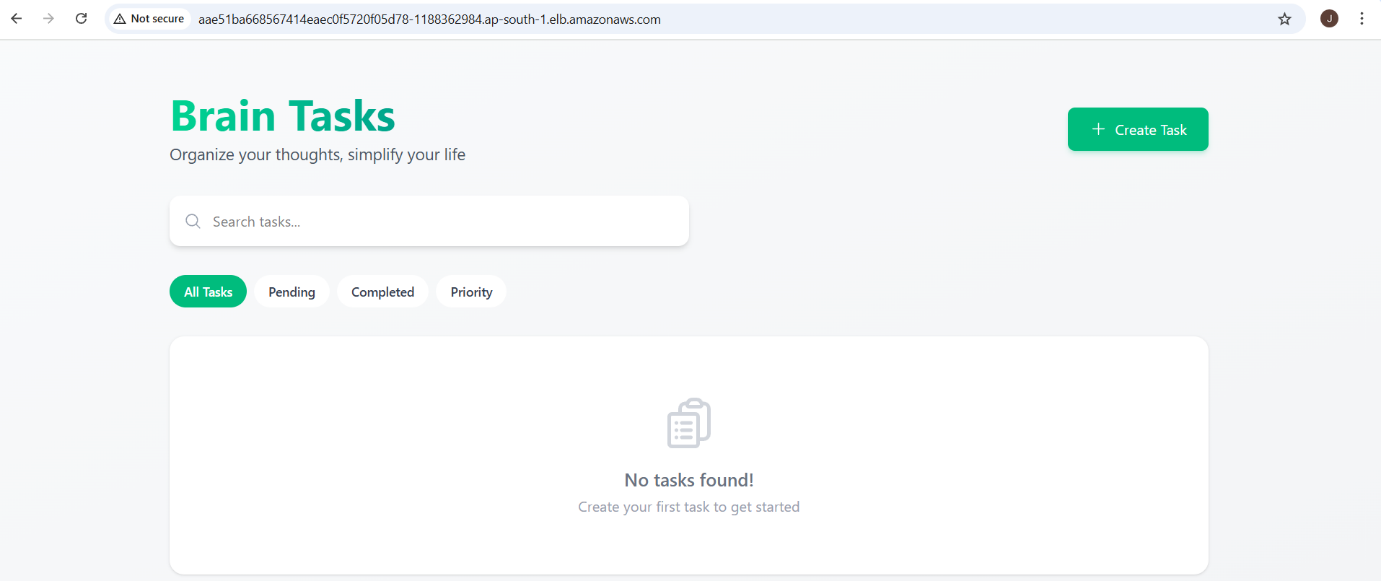


Created Service.yml

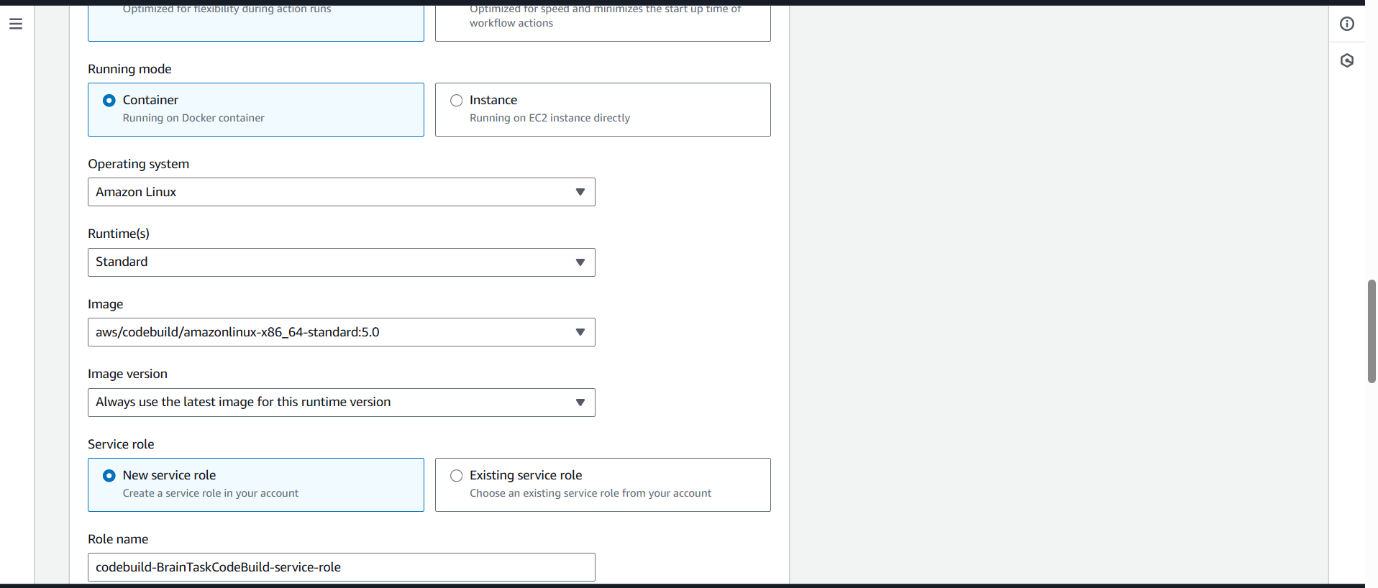


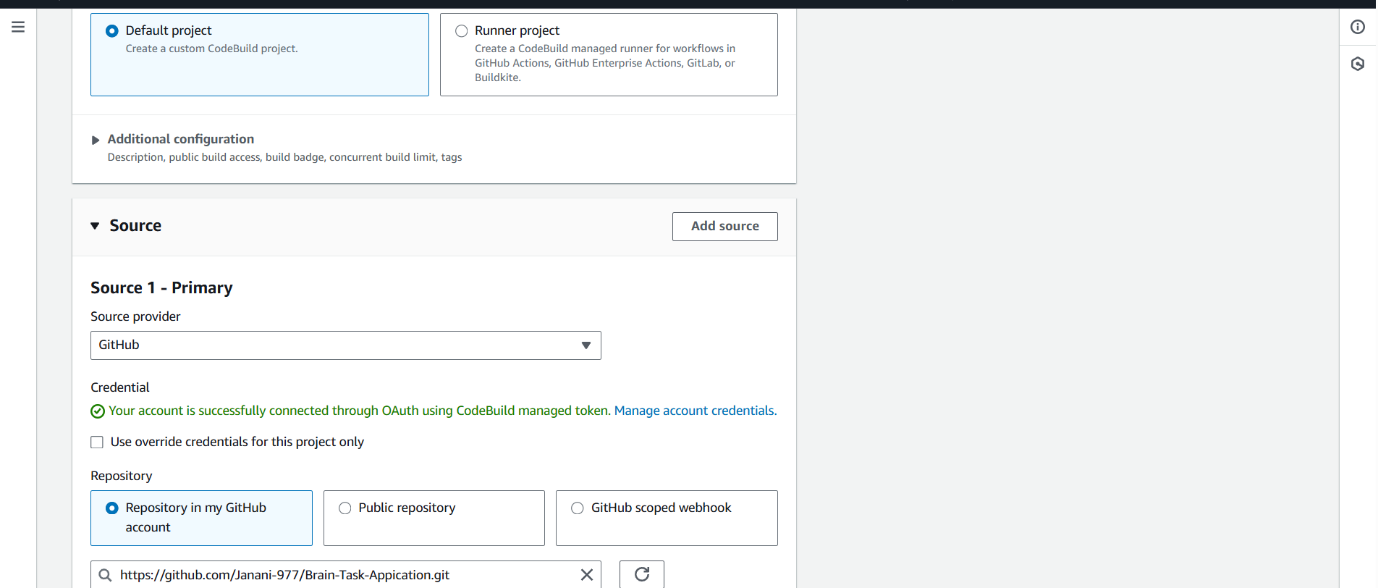
Checked manually by deploying app in EKS:



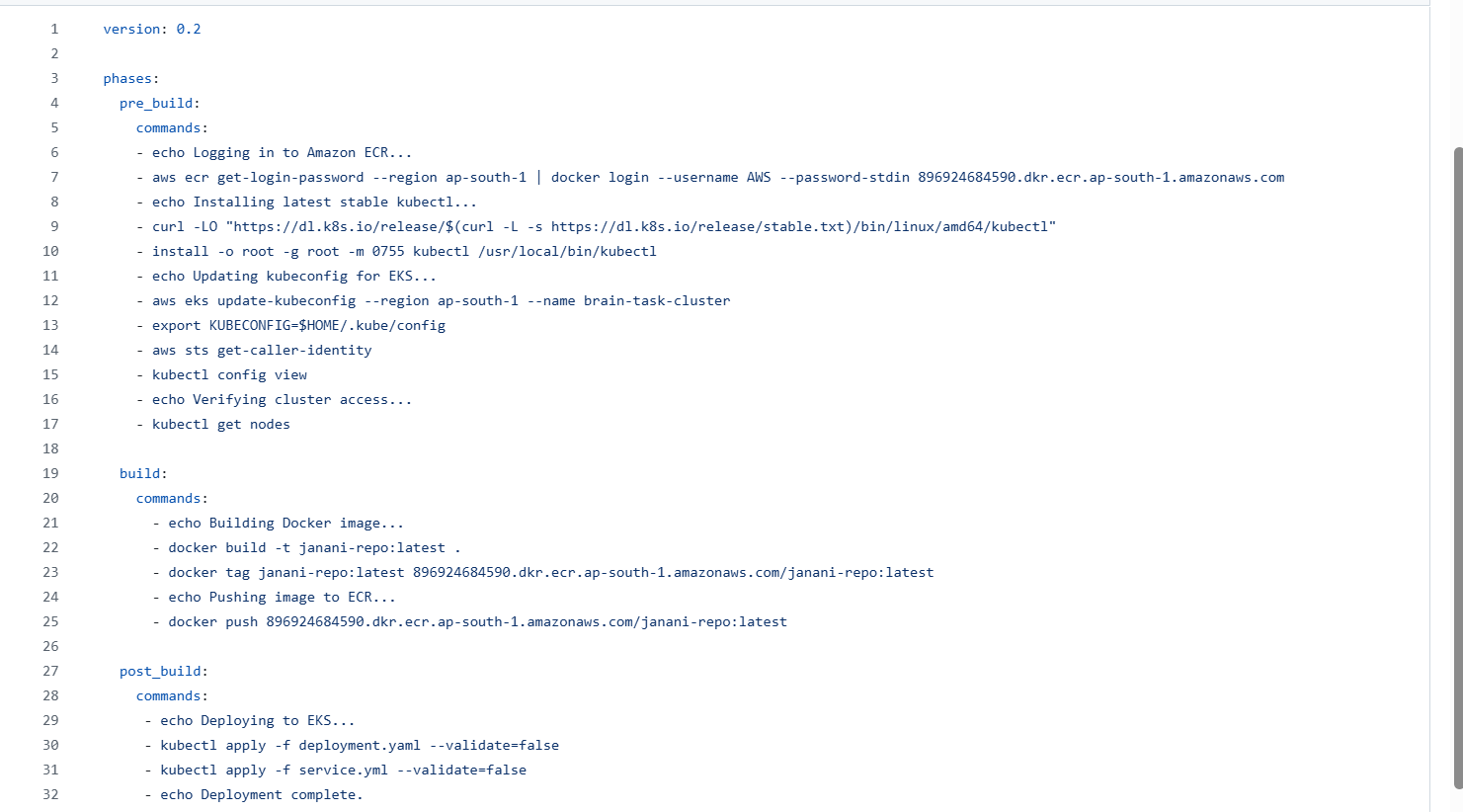


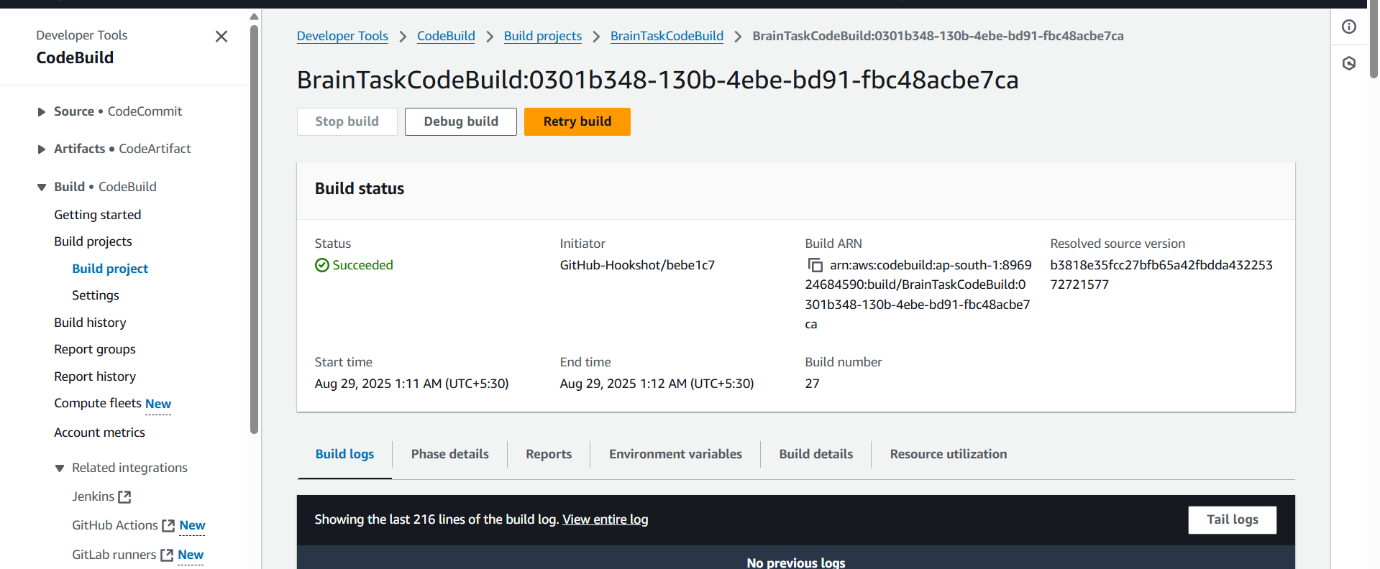
CodeBuild Creation:

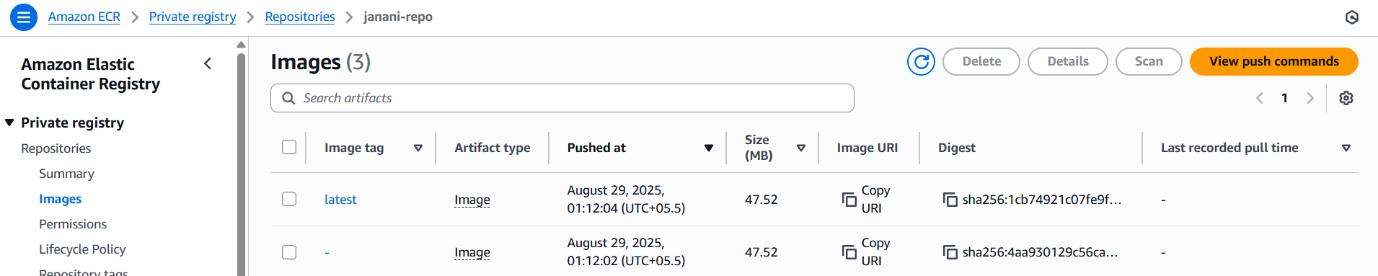




Created Buildspec:



CodeBuild got succeeded

ECR: Image pushed to ECR

Codepipeline:

Deployed via codedeploy through pipeline

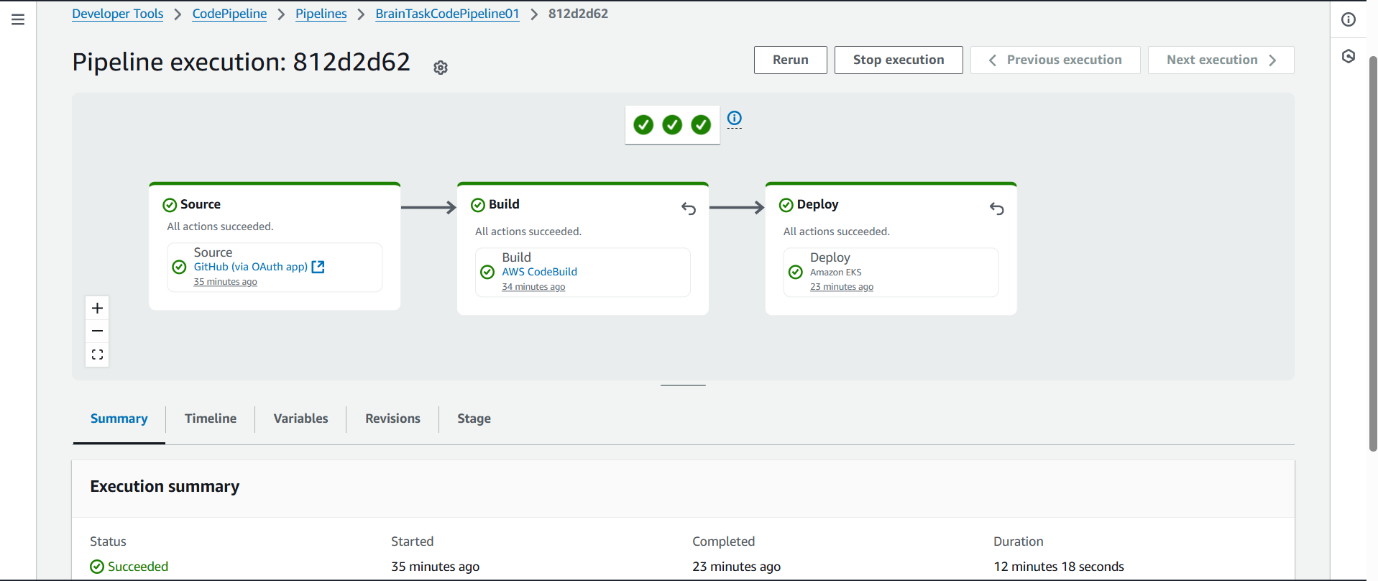
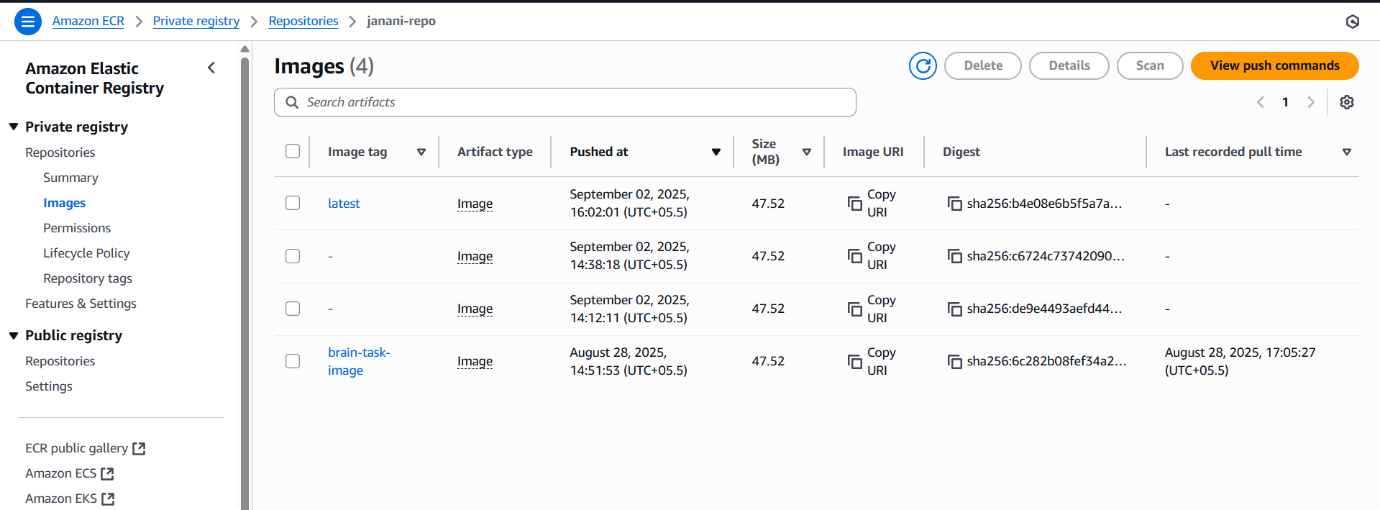
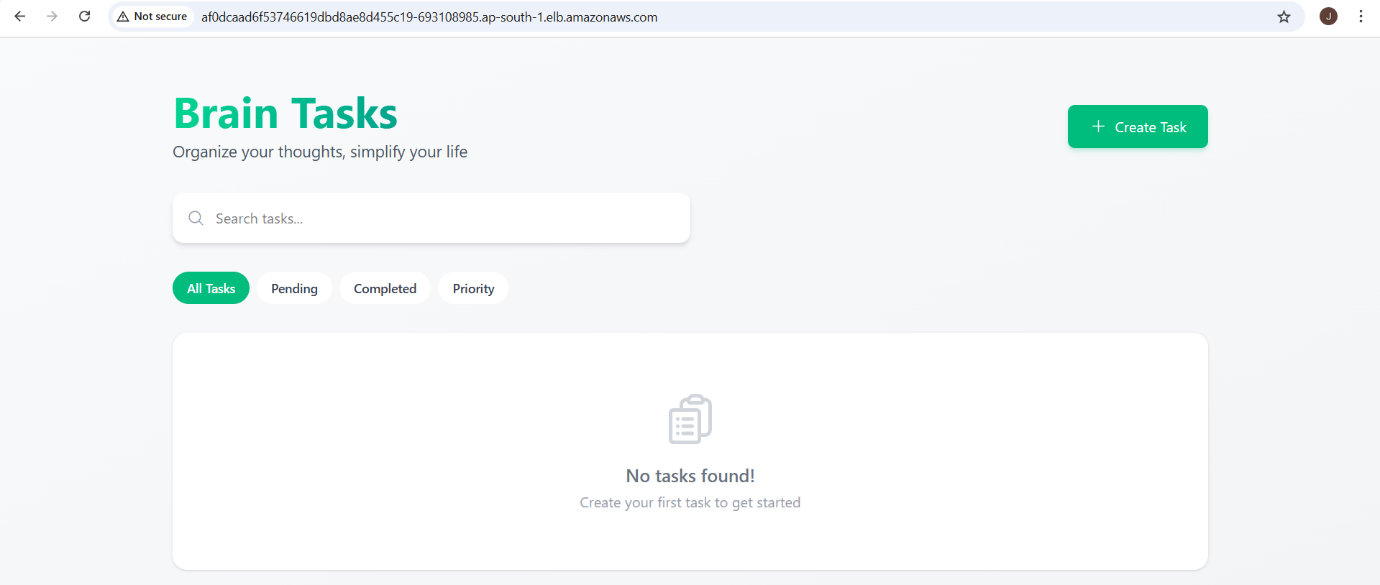


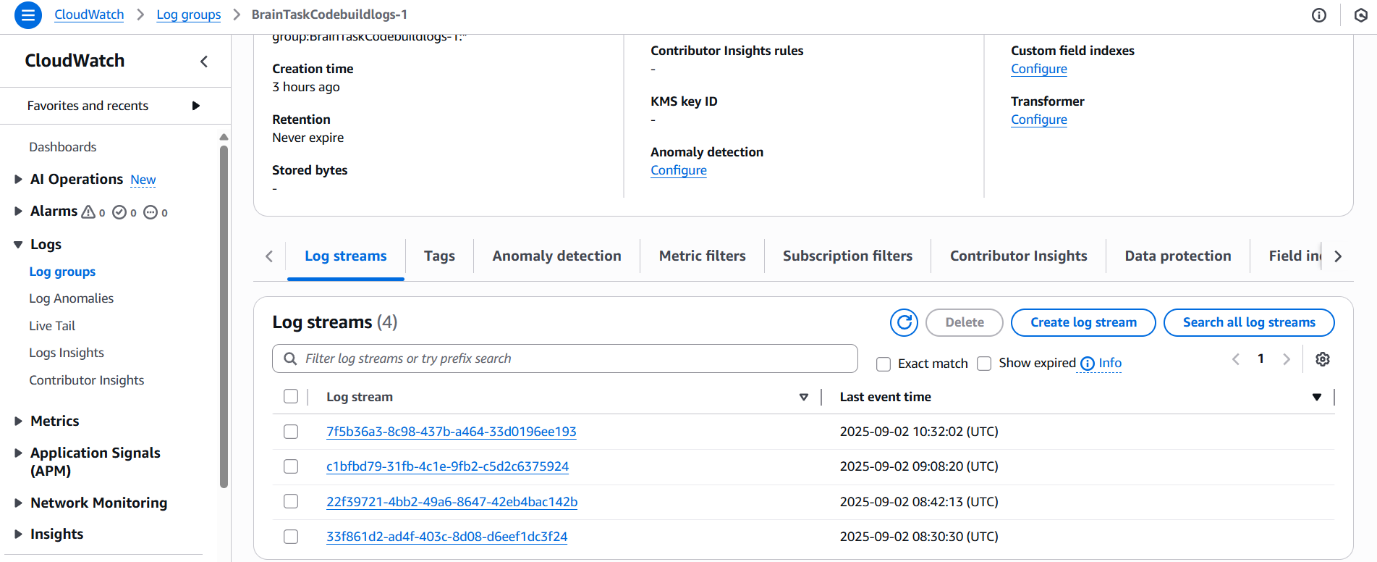
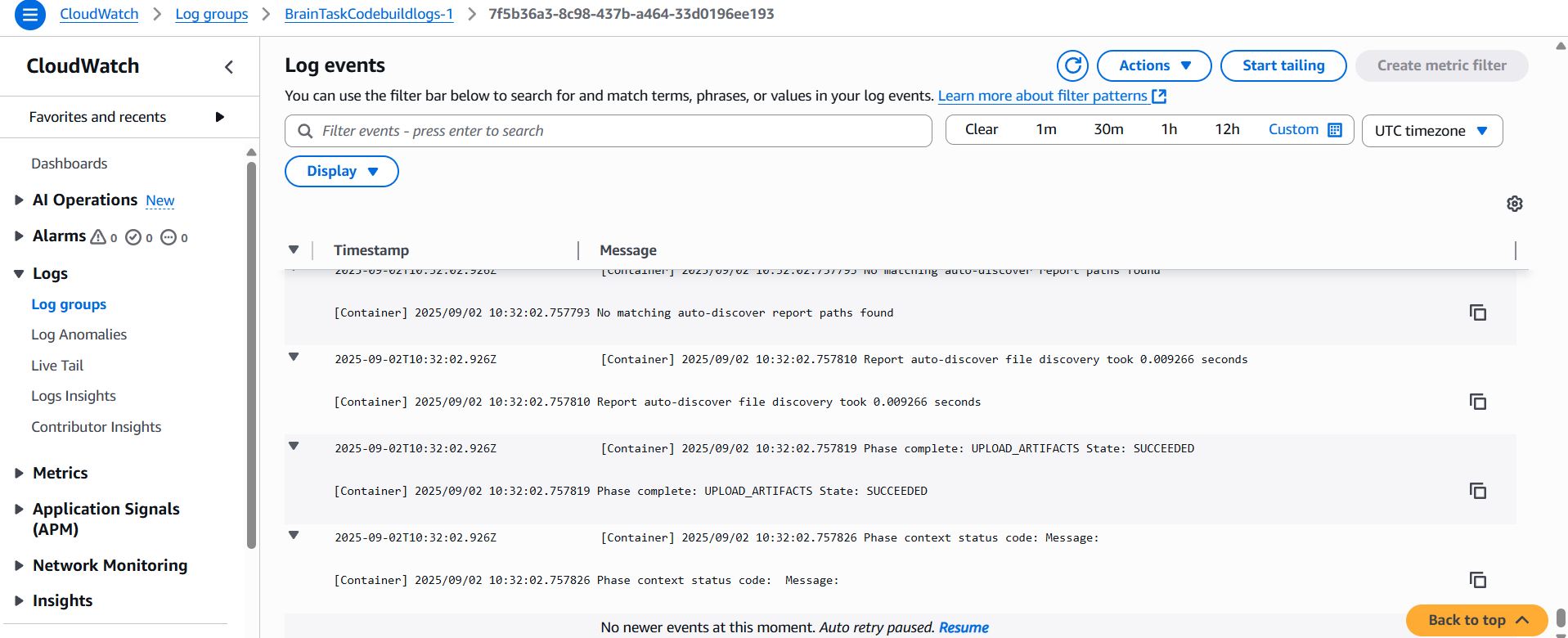
Image has been pushed successfully to ECR

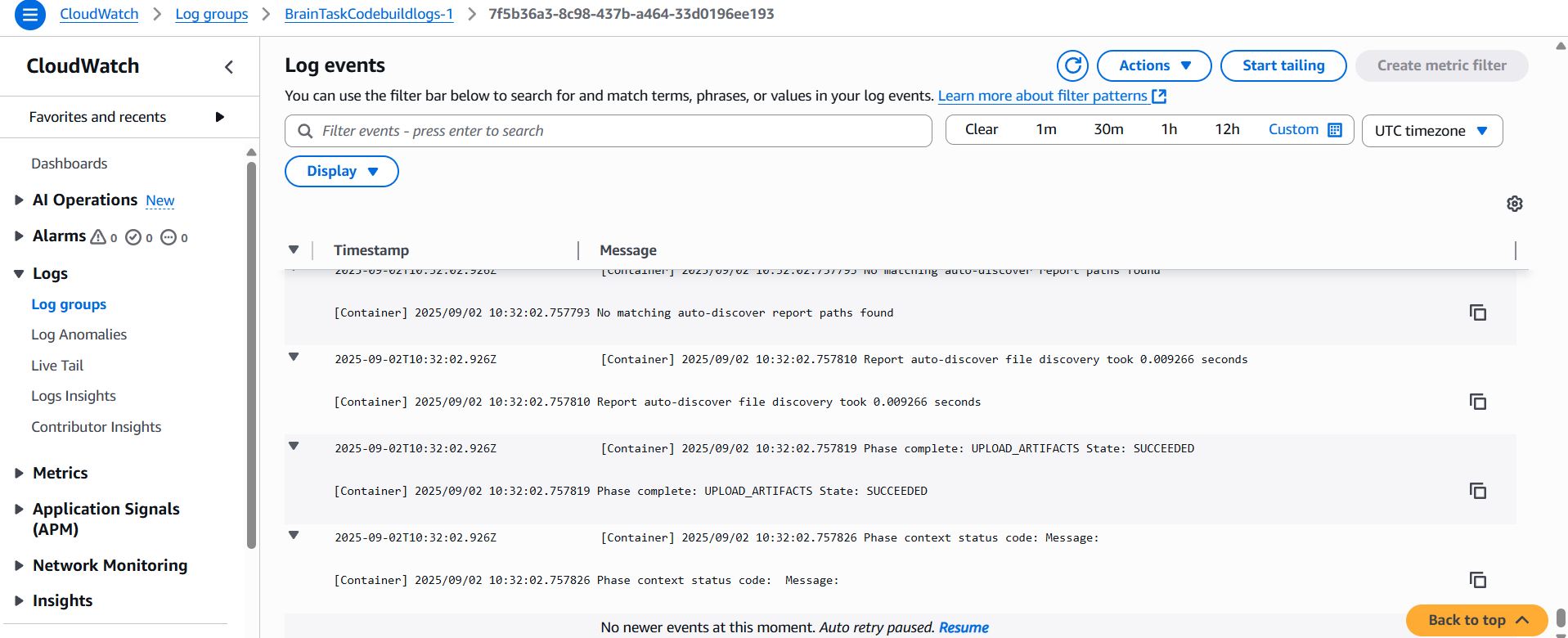


After the codepipeline gets succeeded able to see the application via load balancer

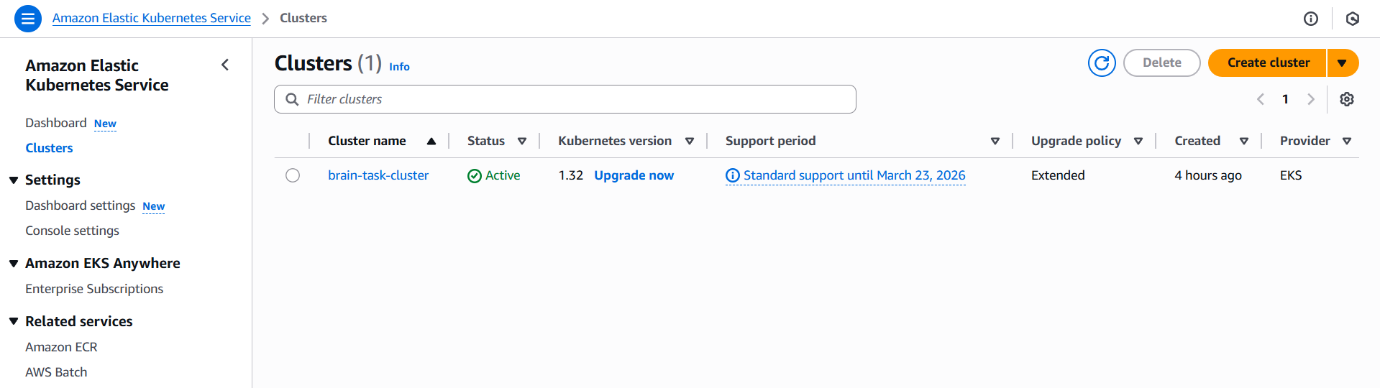
Cloud Watch:

Logs has been fetched successfully

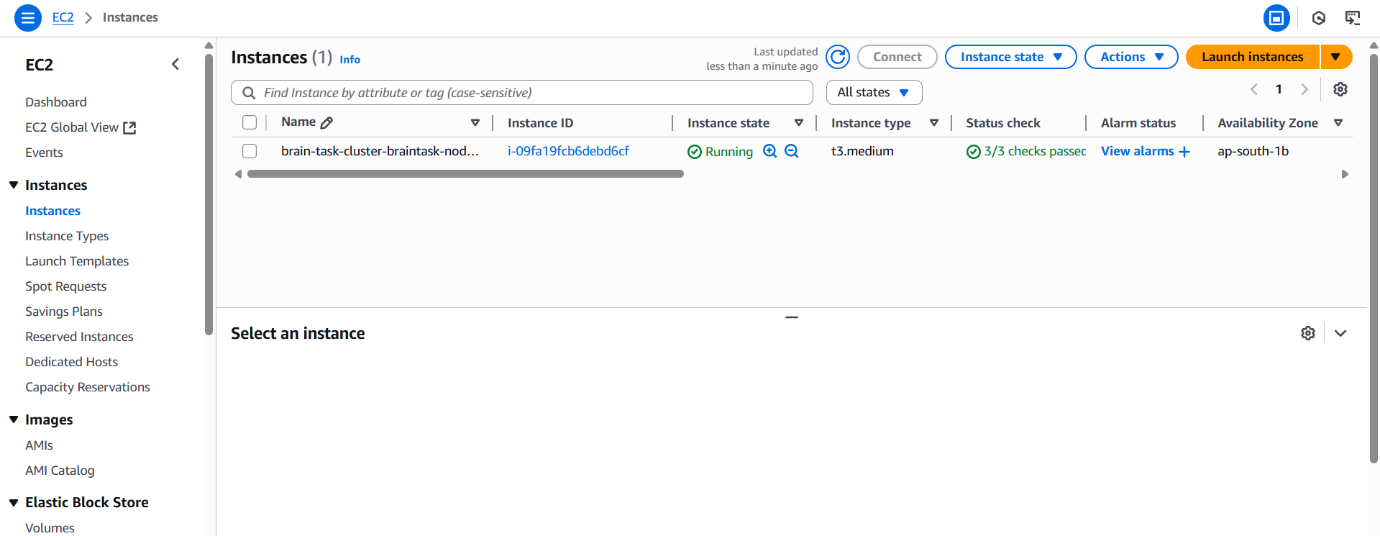




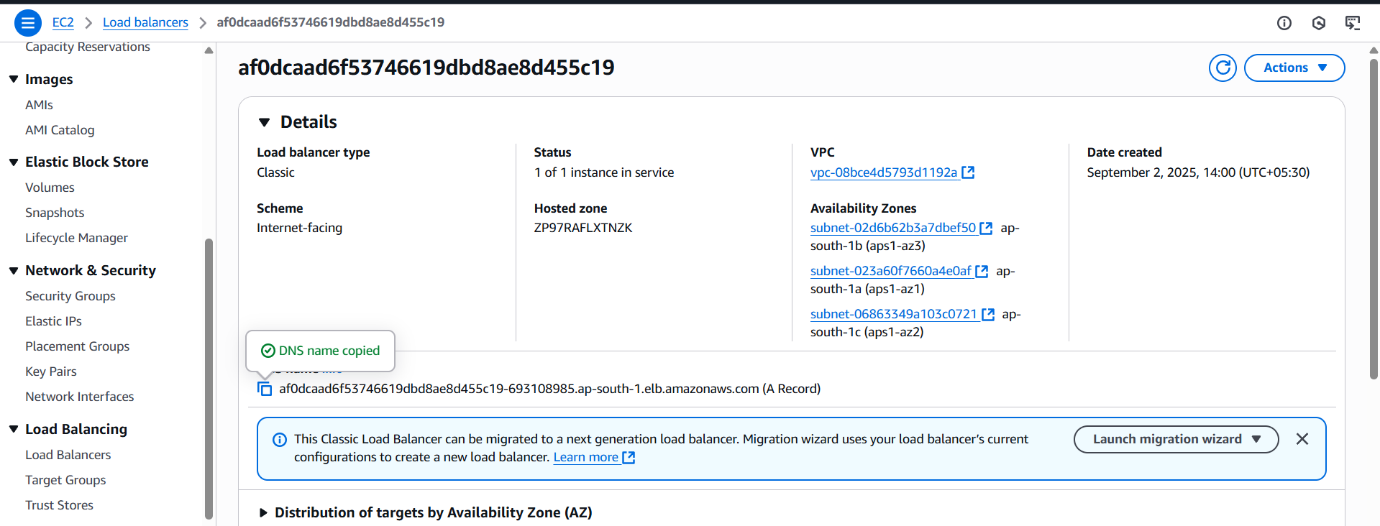
Created cluster, EC2, load balancer: Below are the services created before running codebuild and codepipeline services for the deployment



EC2



Load balancer



Version Control:

Pushed all the code to the github successfully

