**Devops Application Deployment ( Capestone Project)**

**Git hub repo URL:** <https://github.com/deepakramamoorthy/DevOps-Application-Deployment.git>

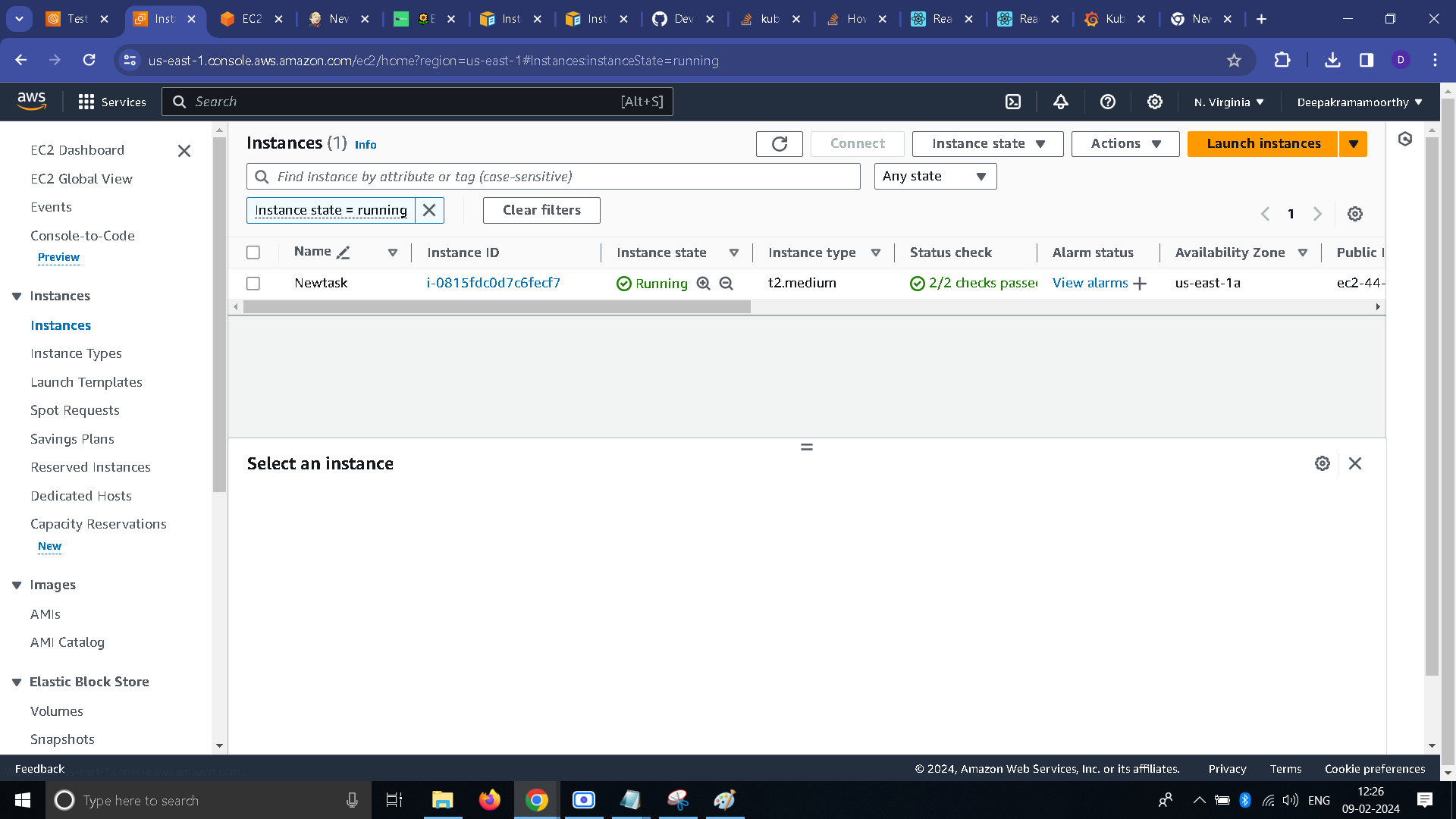
**Deployed site :** I can’t run the EC2 Machine till your grading, i have attached the screenshot of the deployed site below.

**Docker Images name:** reactapplicationdev , reactapplicationprod

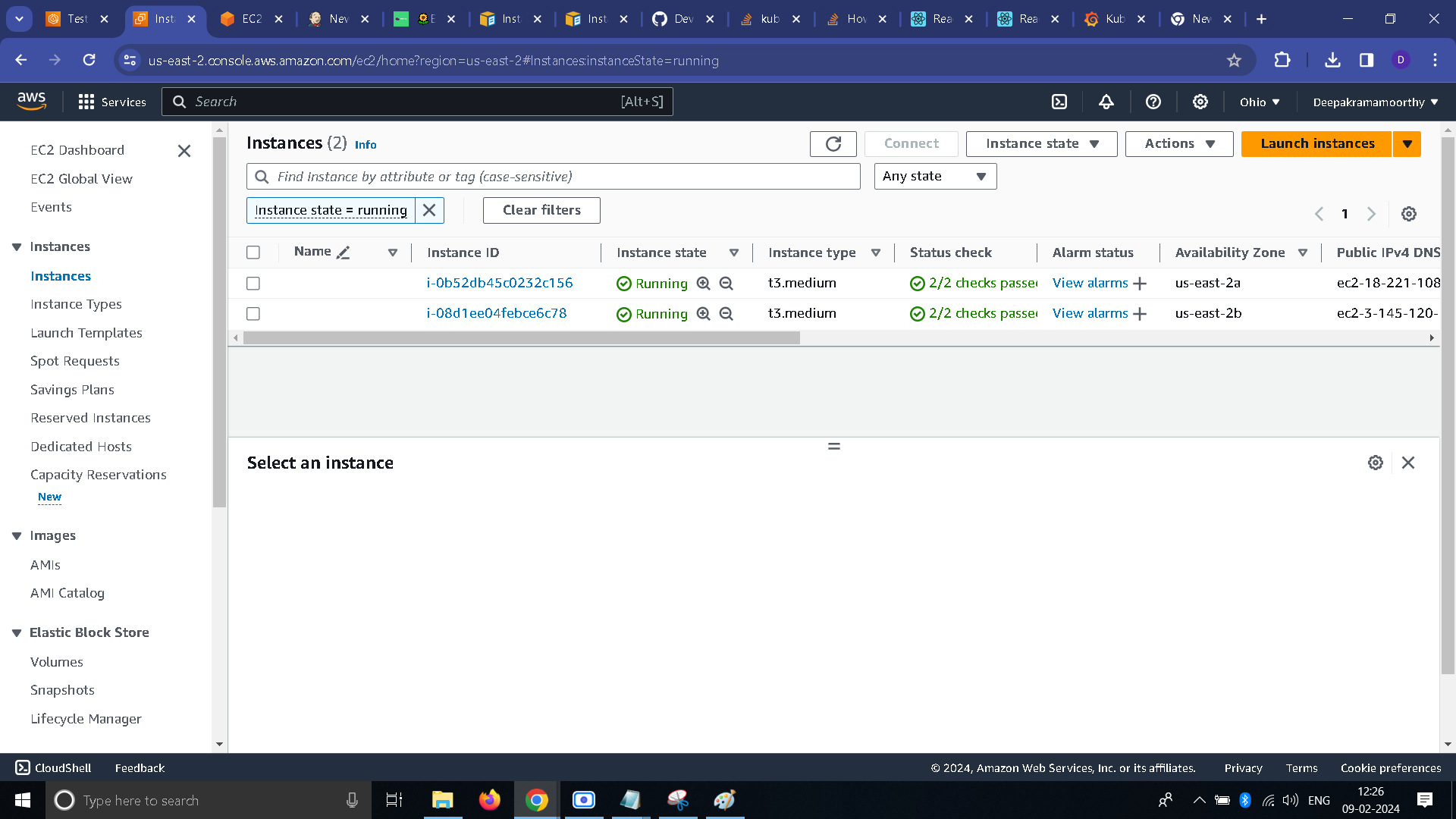
**Screenshots:**

**AWS :**

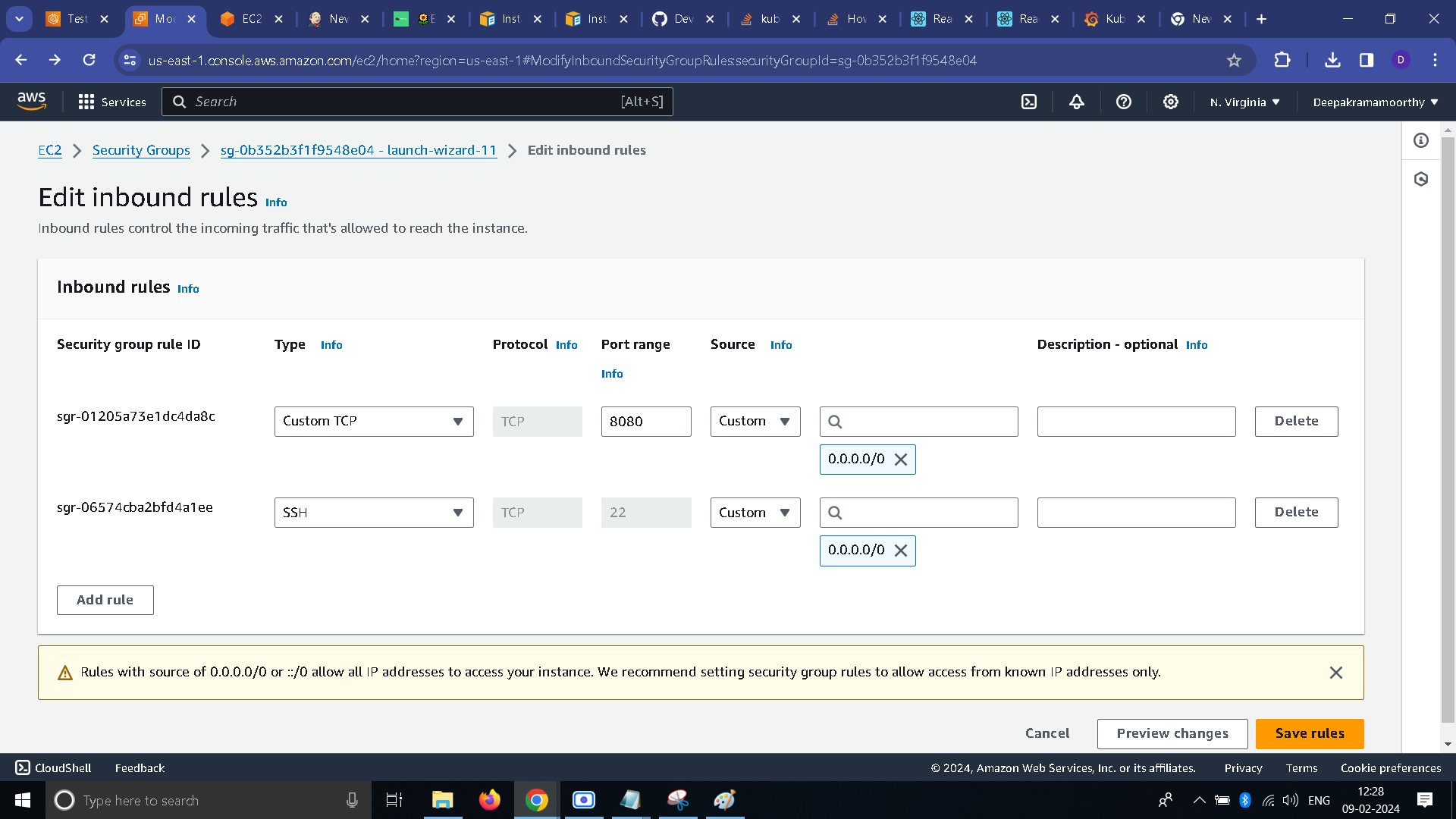
* Aws EC2 Console ( Ubuntu machine)



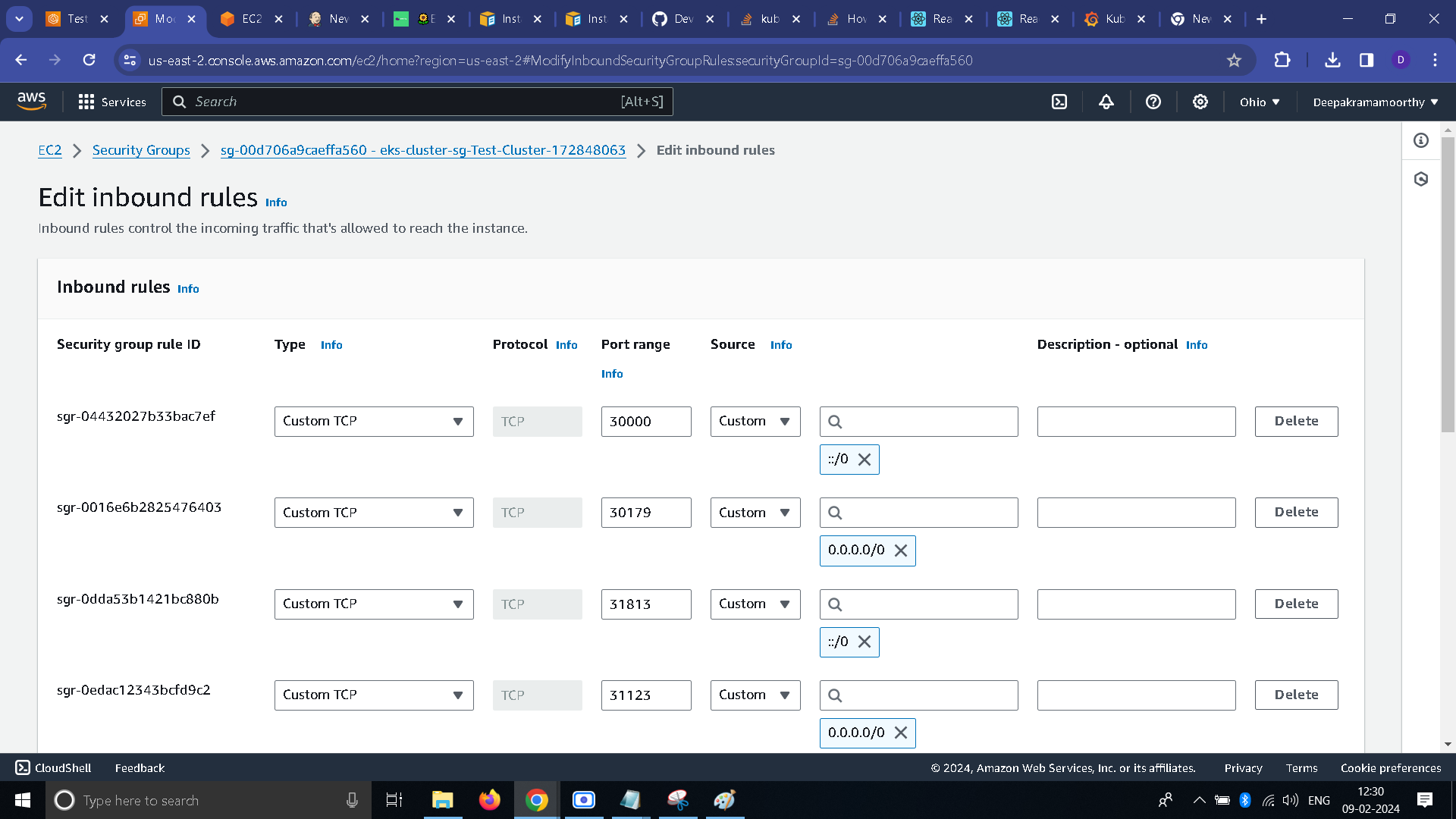
* AWS EC2 Console ( Node)



* Security group configuration ( Ubuntu machine)

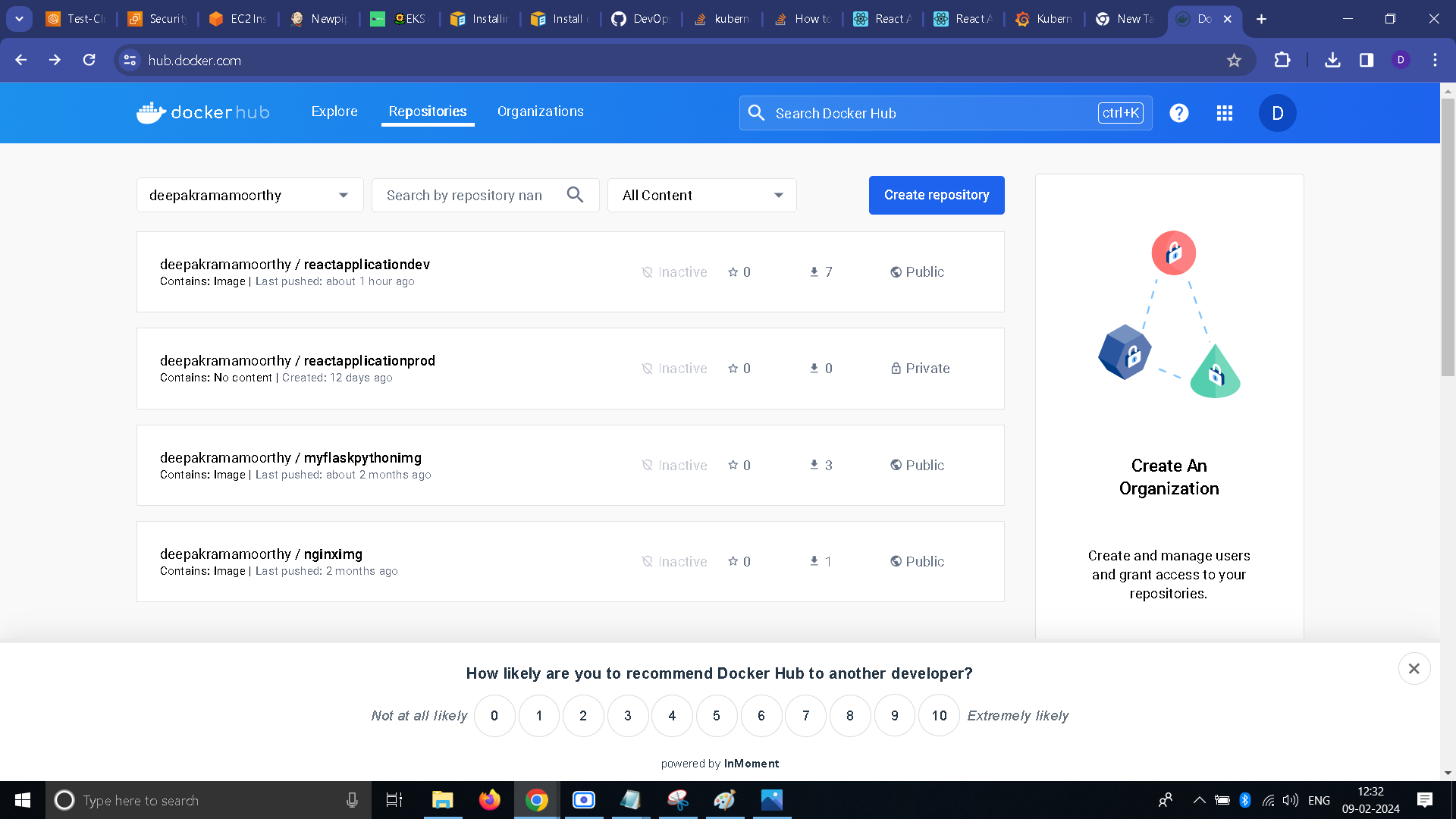


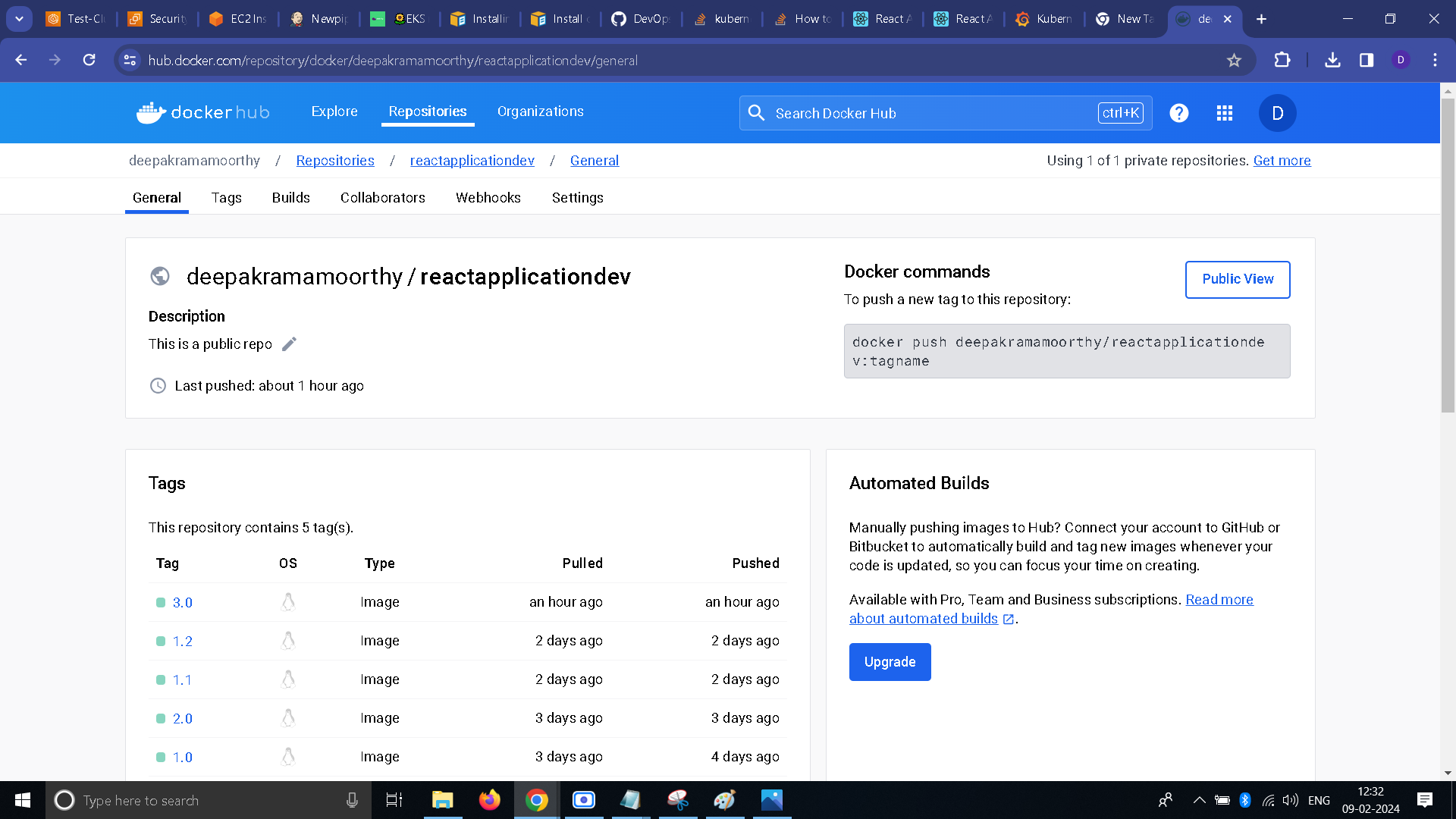
* Security group configuration ( Node)



**Docker Hub:**

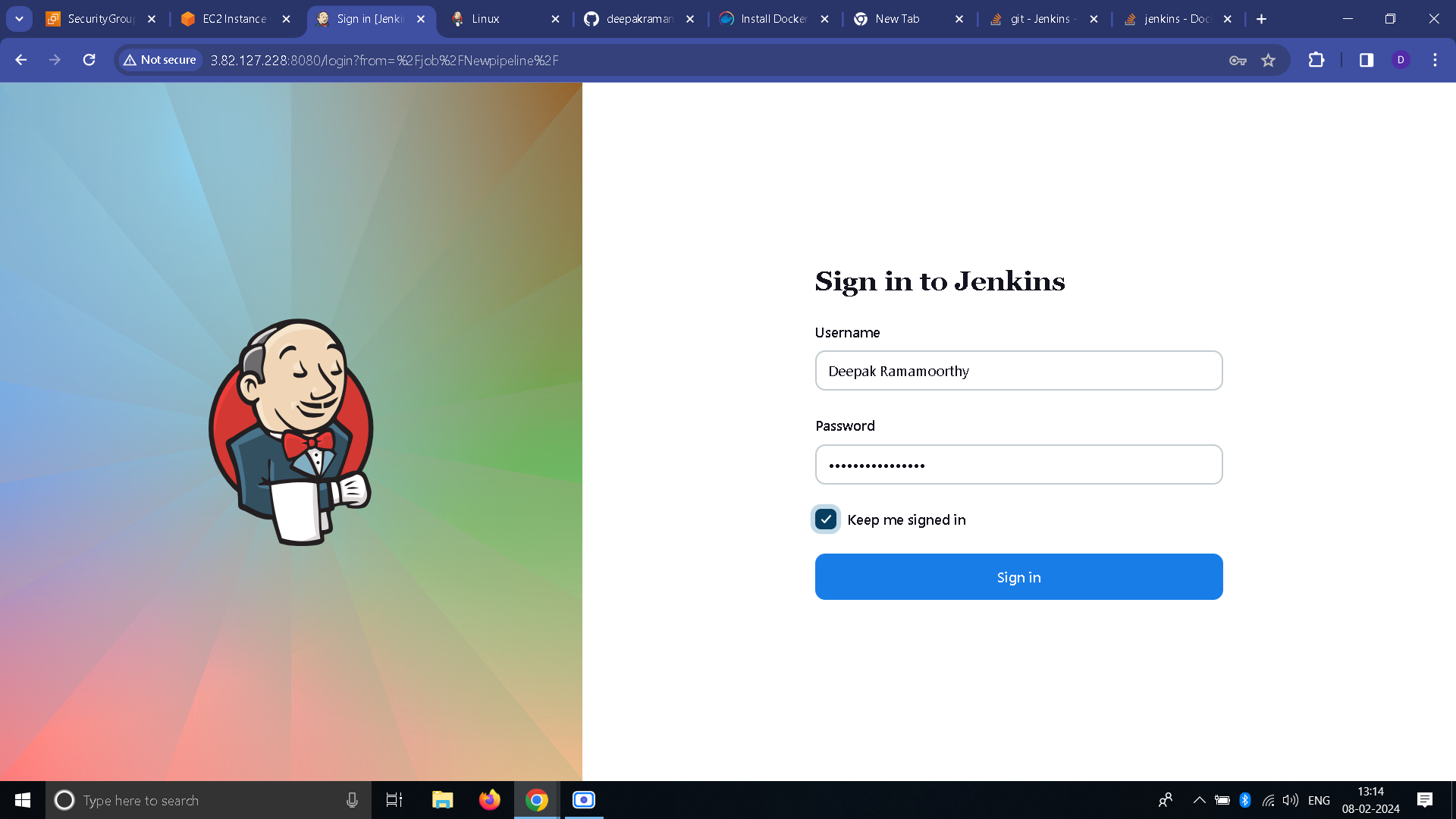
* Docker Hub repo with image tags



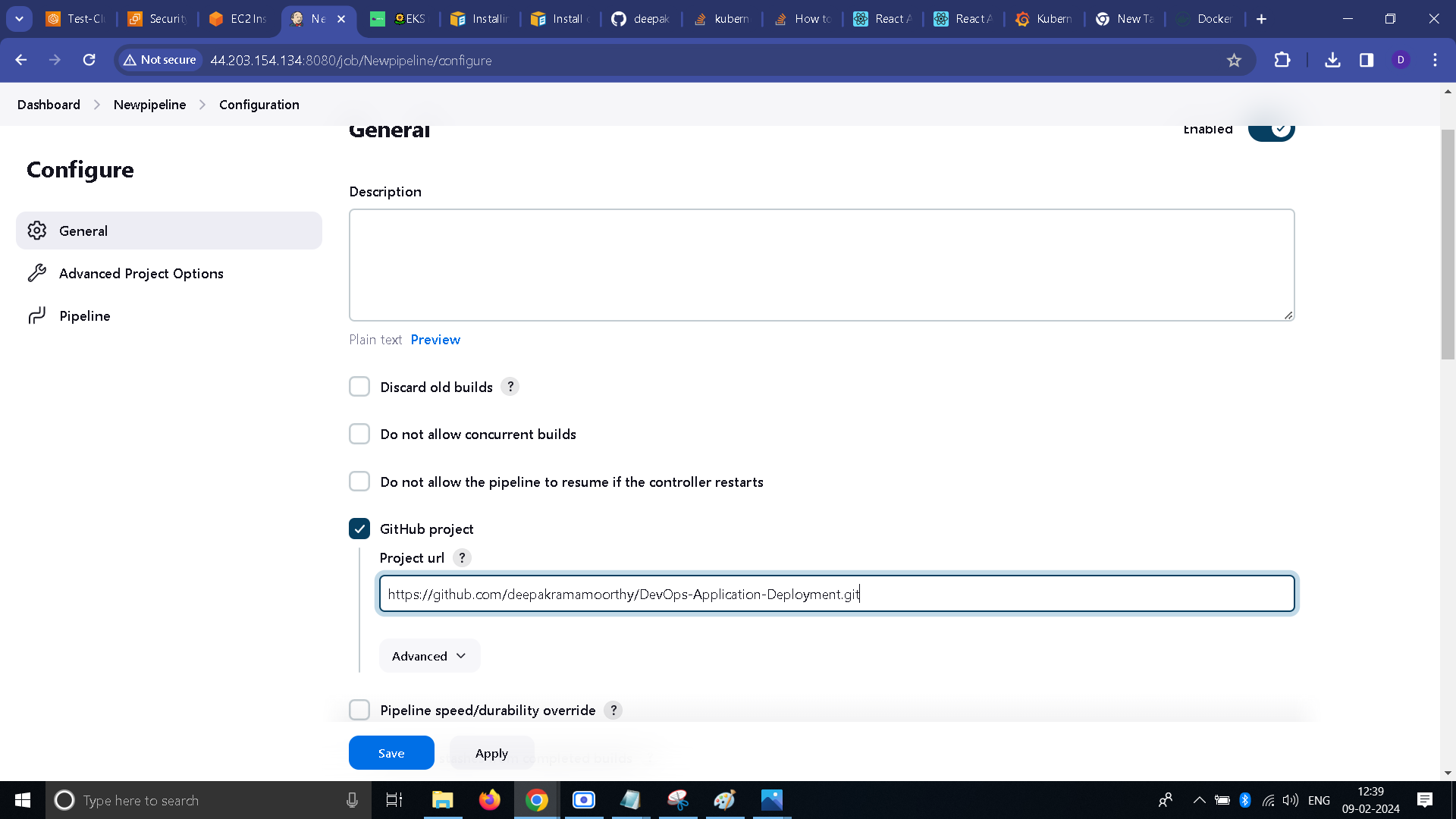


**Jenkins:**

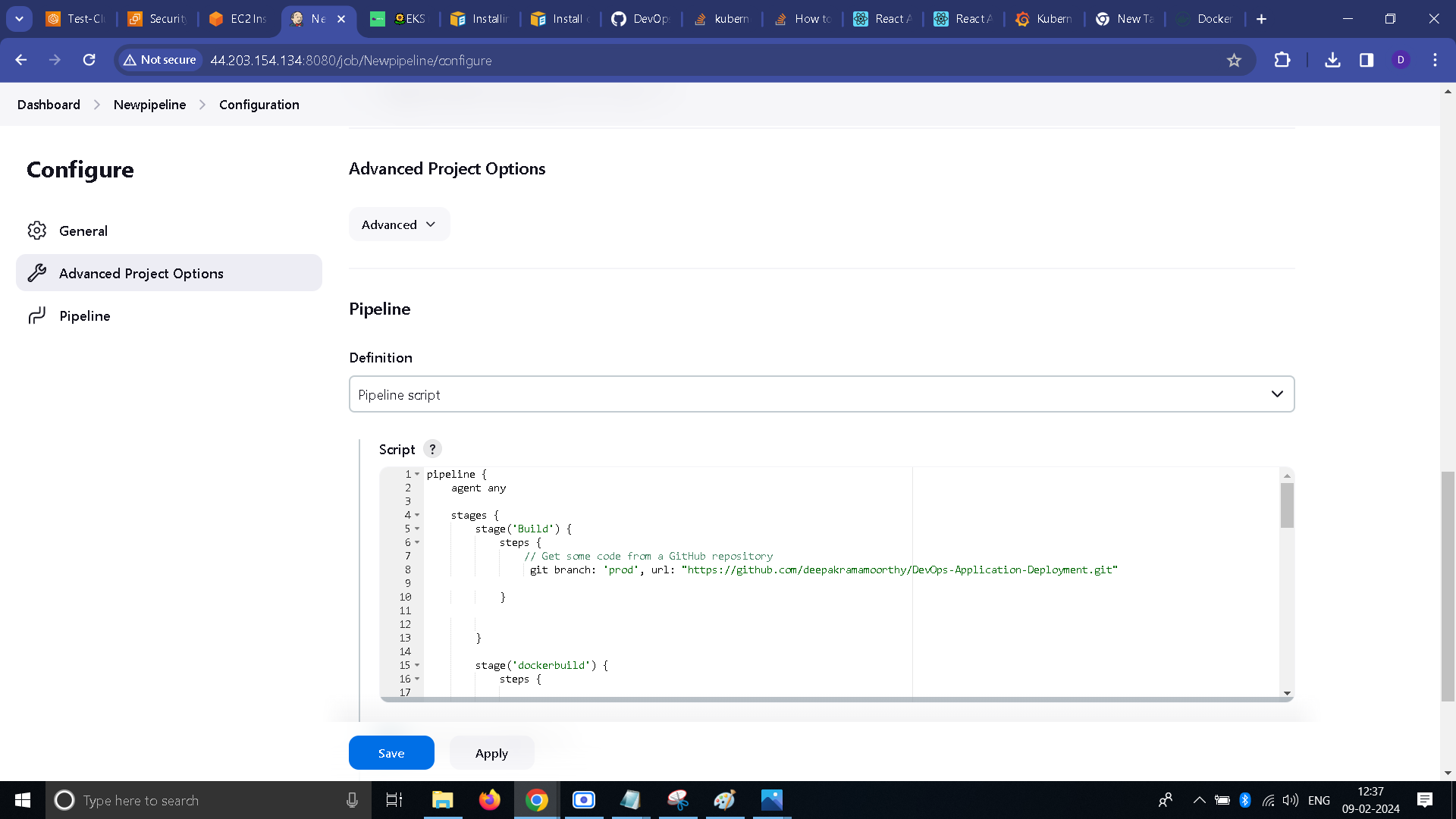
* Jenkins Login page



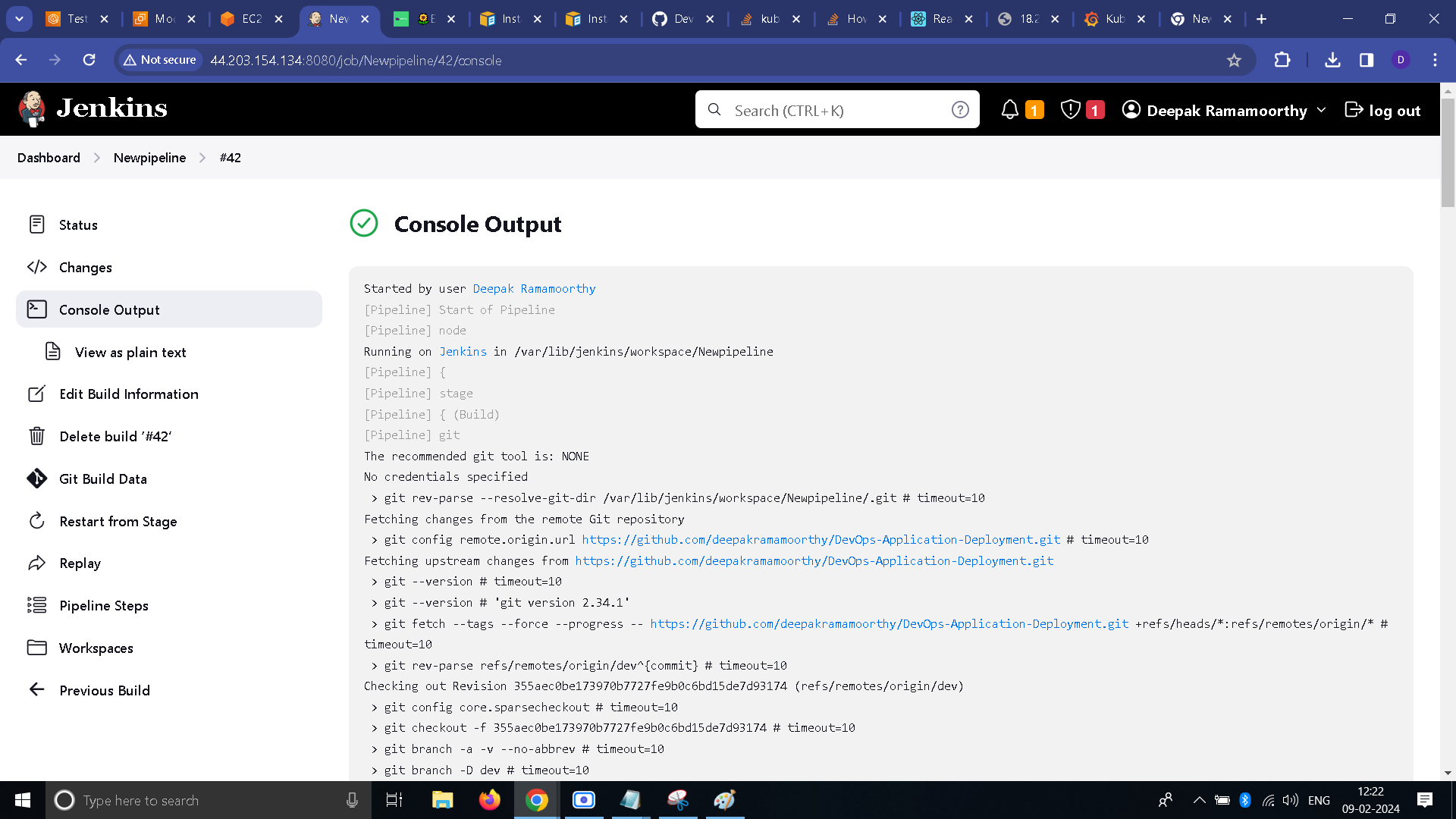
* Configuration settings

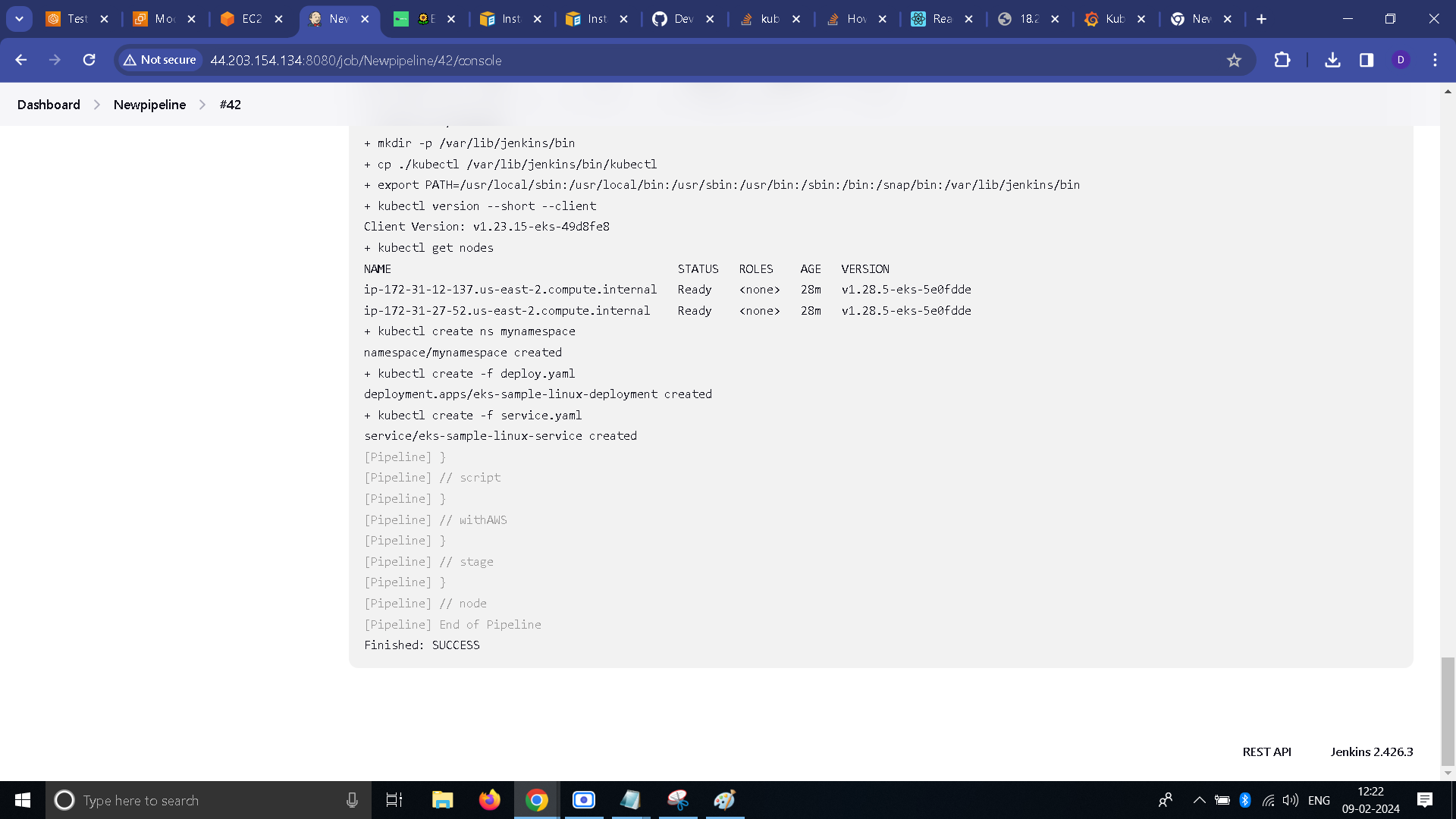


* Execute step commands ( Please find the commands in git hub repo, **file name : jenkinsfile**)



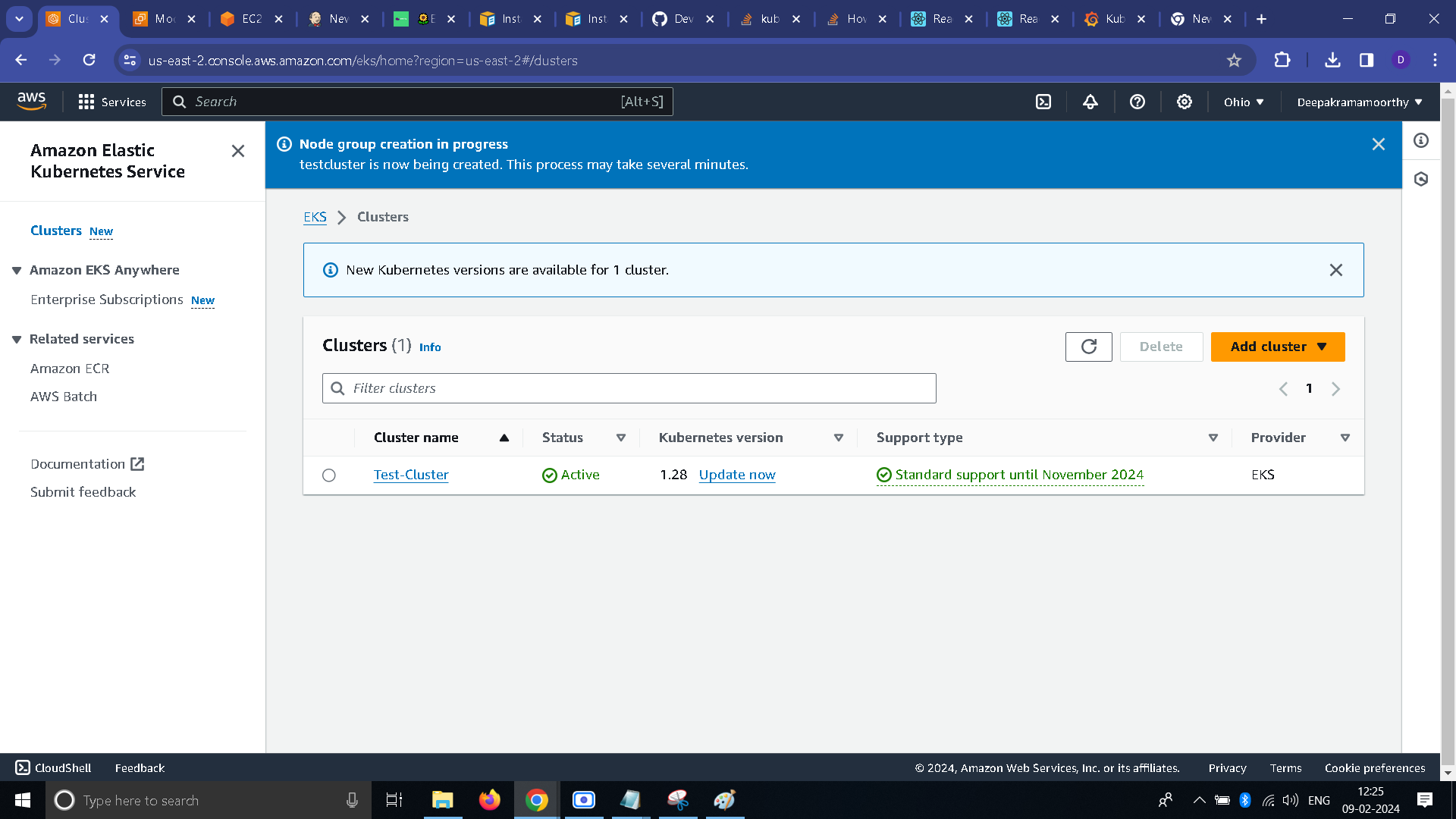
* Console output



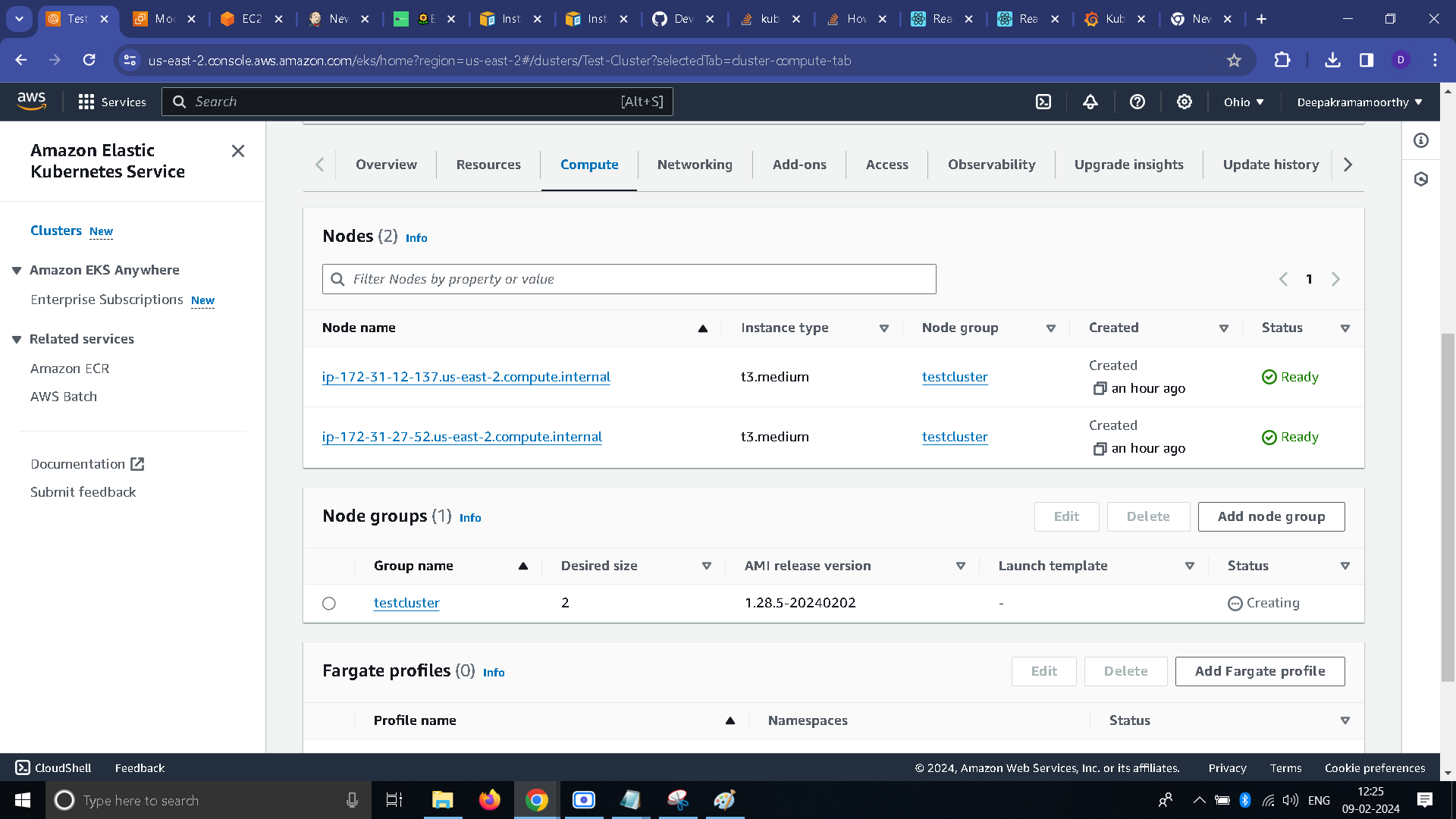


**EKS:**

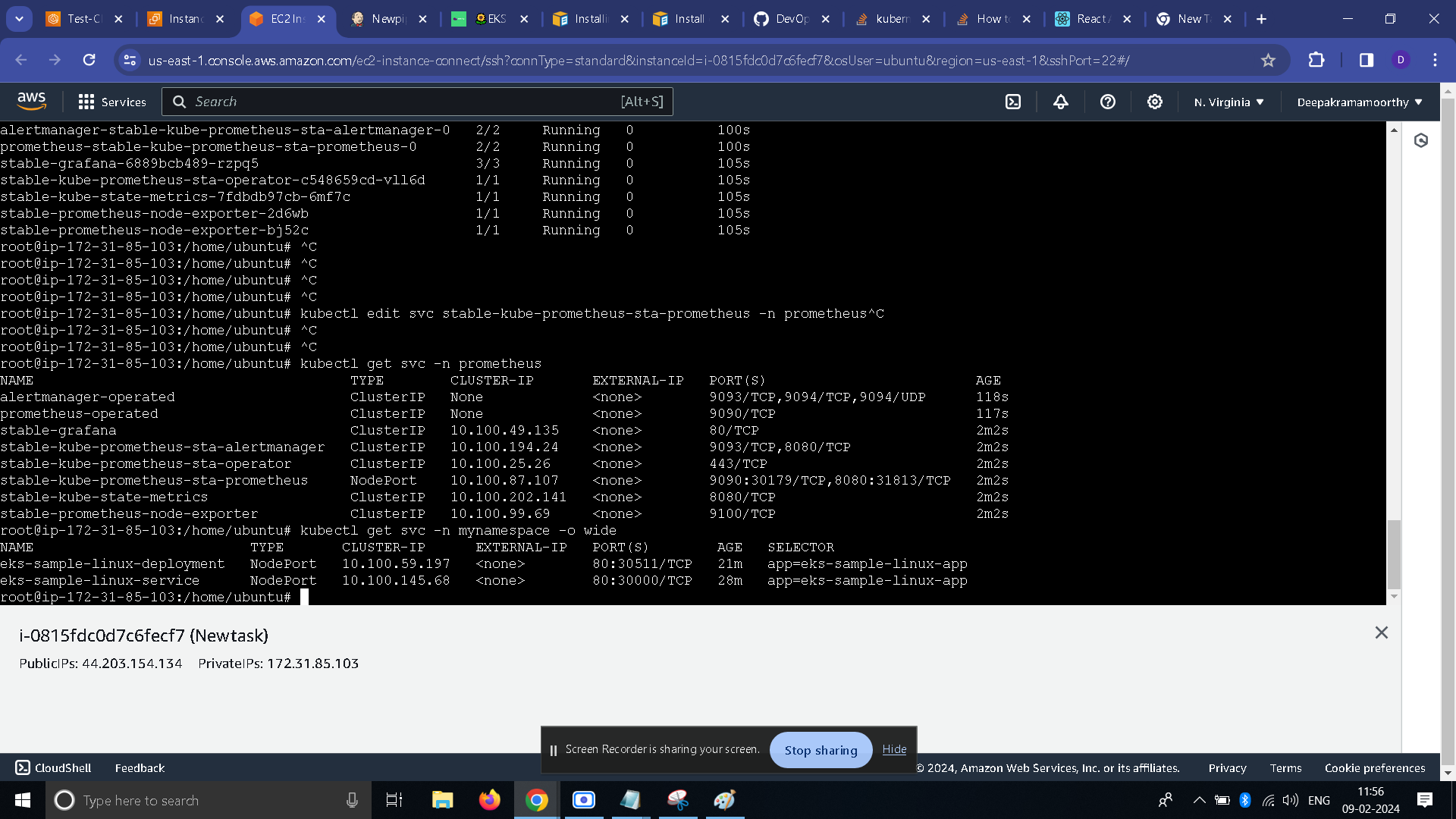
* EKS Cluster



* Node Group

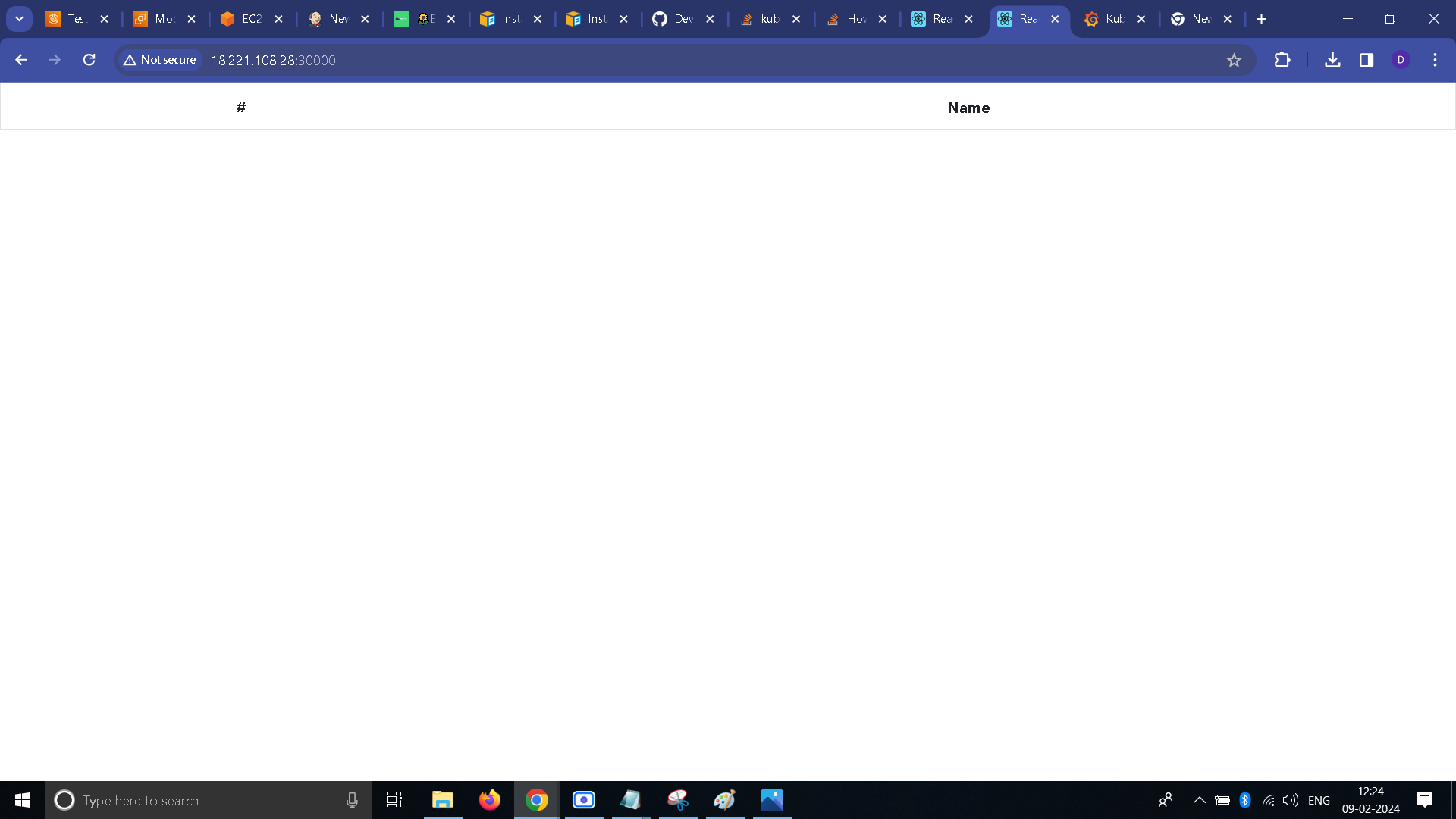


* Kubernetes services.



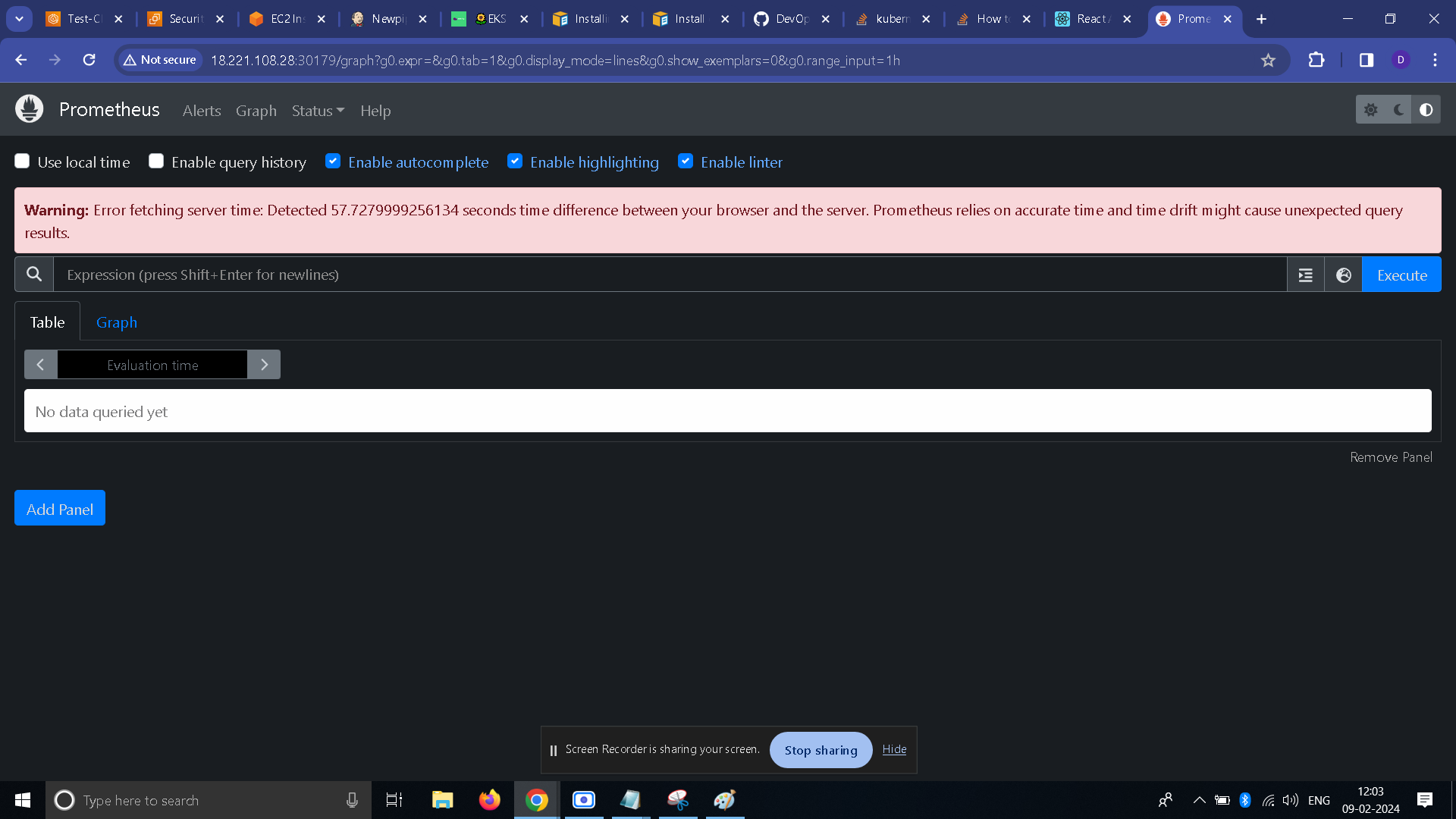
**Deployed Site Page:**

* I have **exposed** the given application using **Node port and Node IP.**

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**Monitoring Tool:**

* Prometheus



* Grafana

