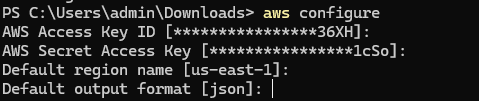
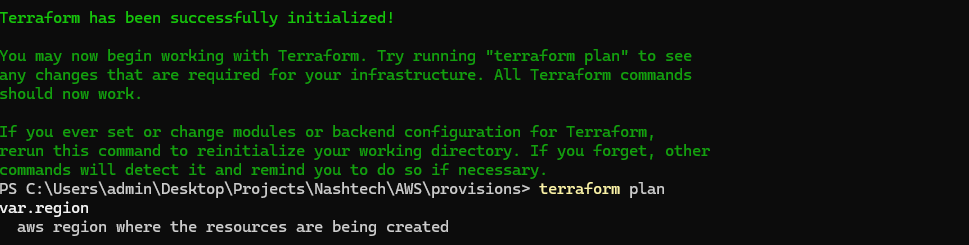
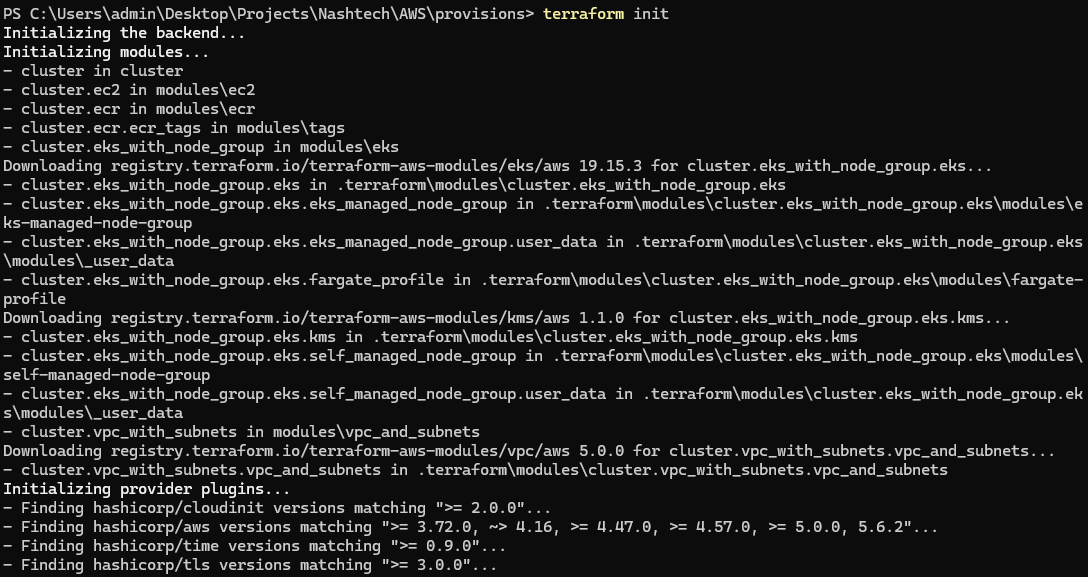
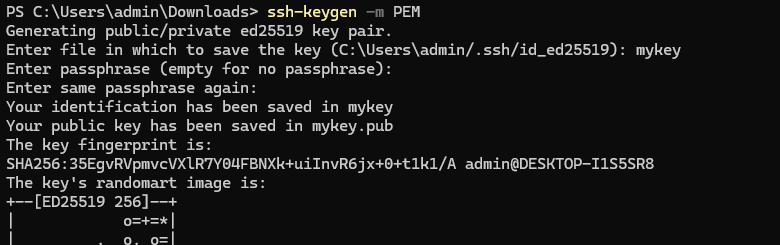
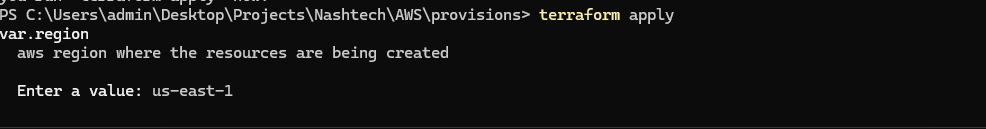
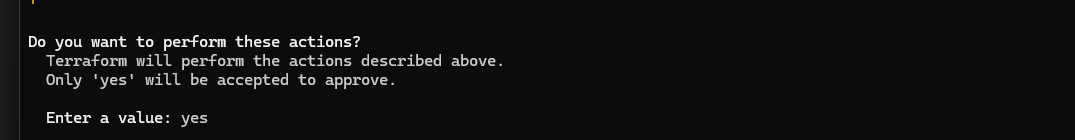
1. Use Terraform to create resources



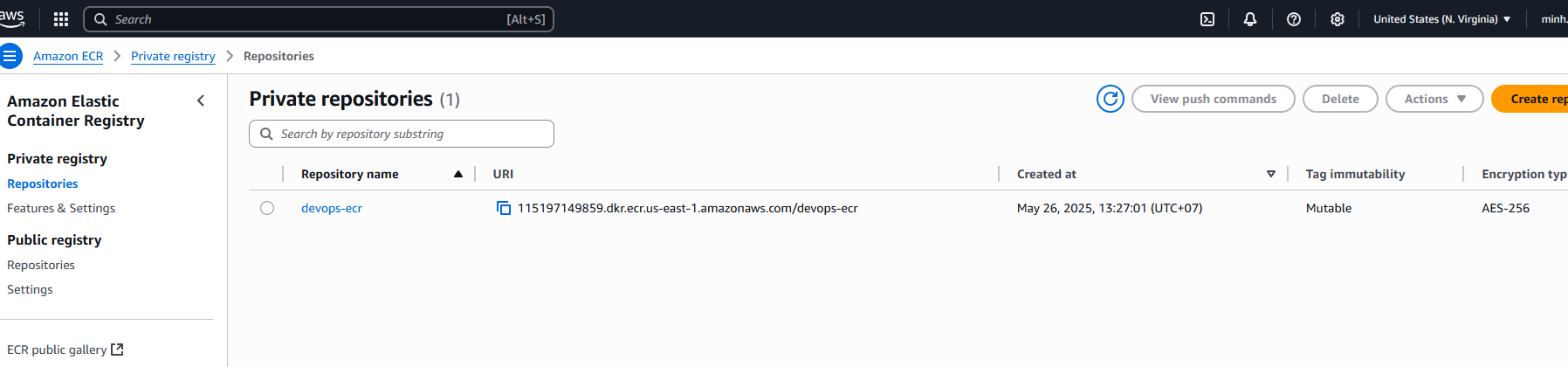


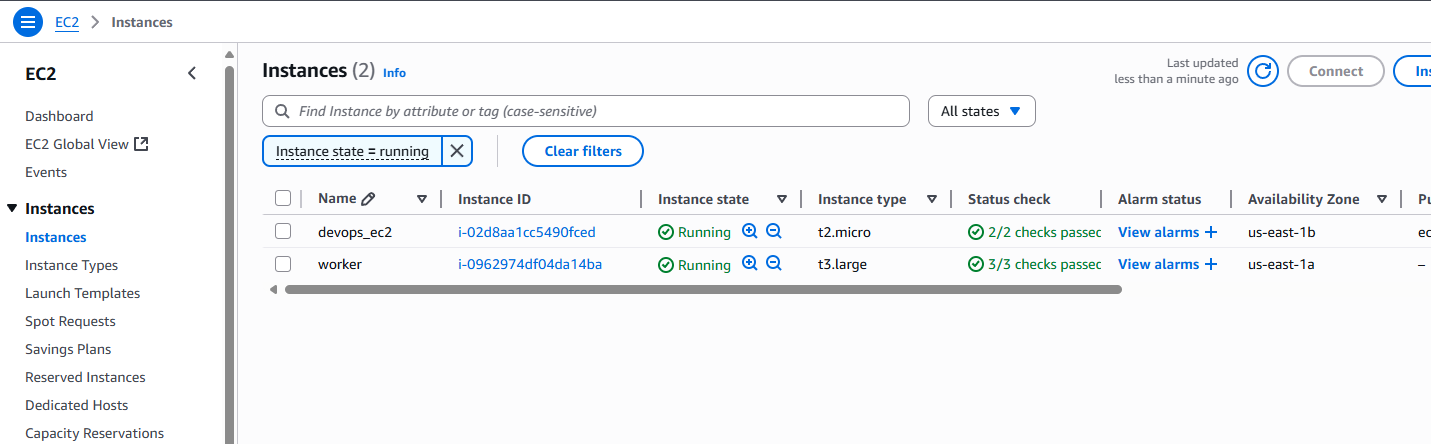
1. Create key for EC2 and put it in .tf file

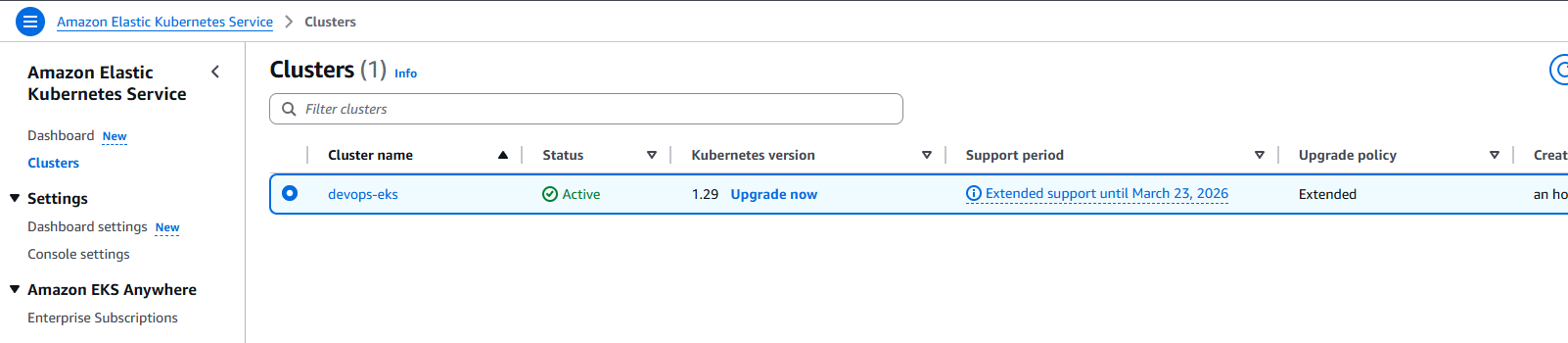




1. Verify AWS resources

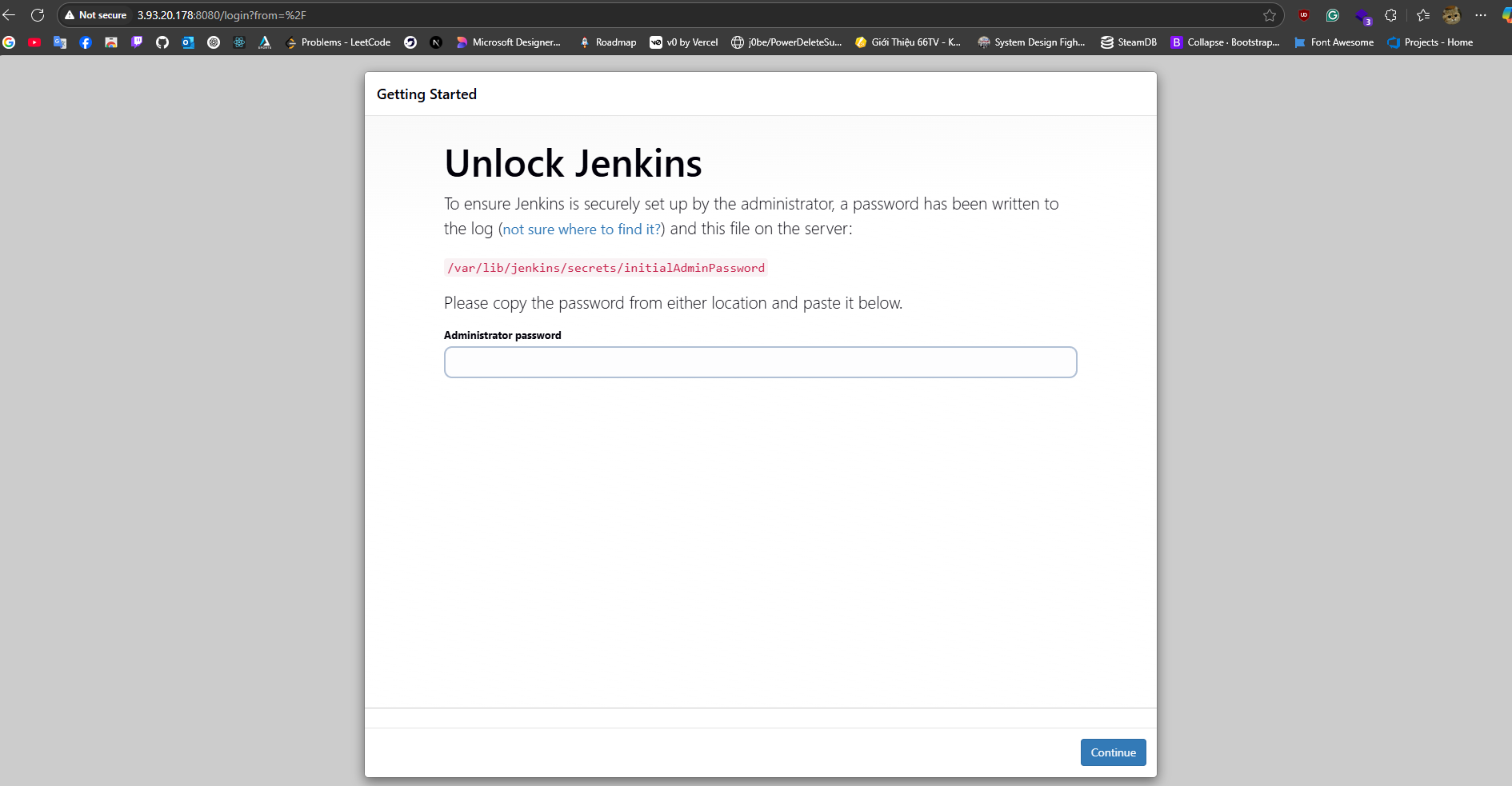






1. Install Jenkin and Docker on EC2

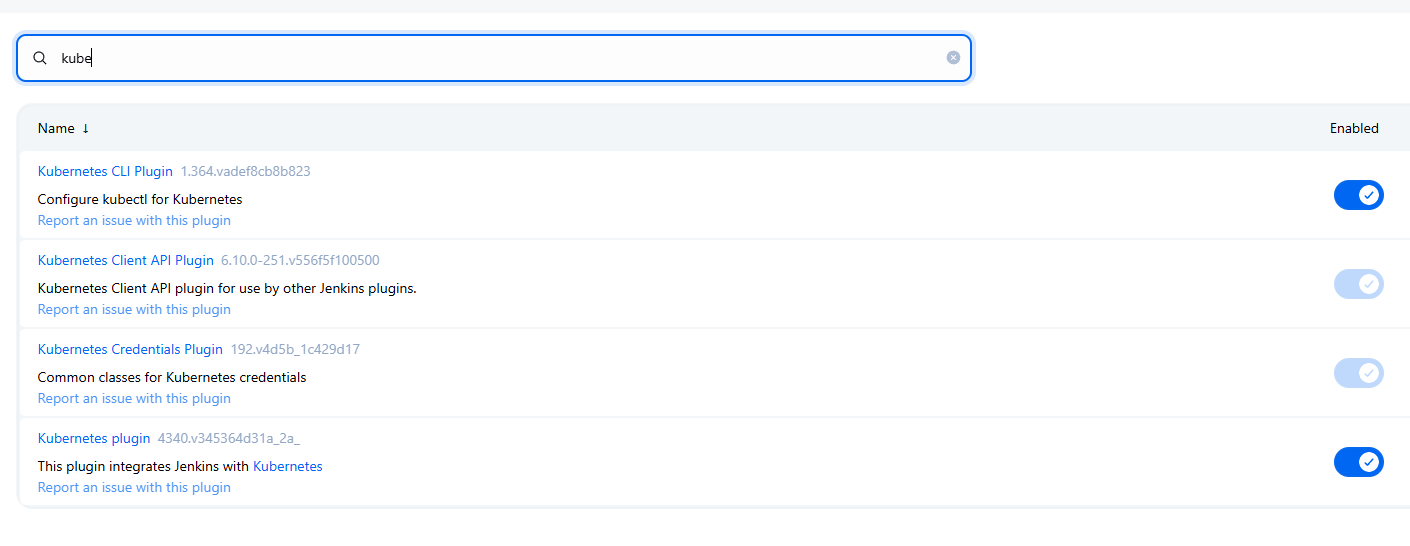
Follow steps in [Jenkins on AWS](https://www.jenkins.io/doc/tutorials/tutorial-for-installing-jenkins-on-AWS/)



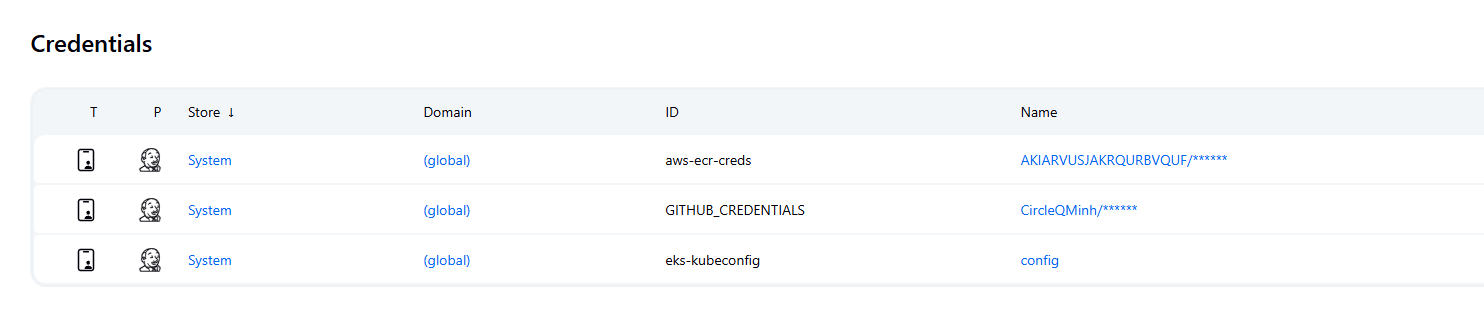




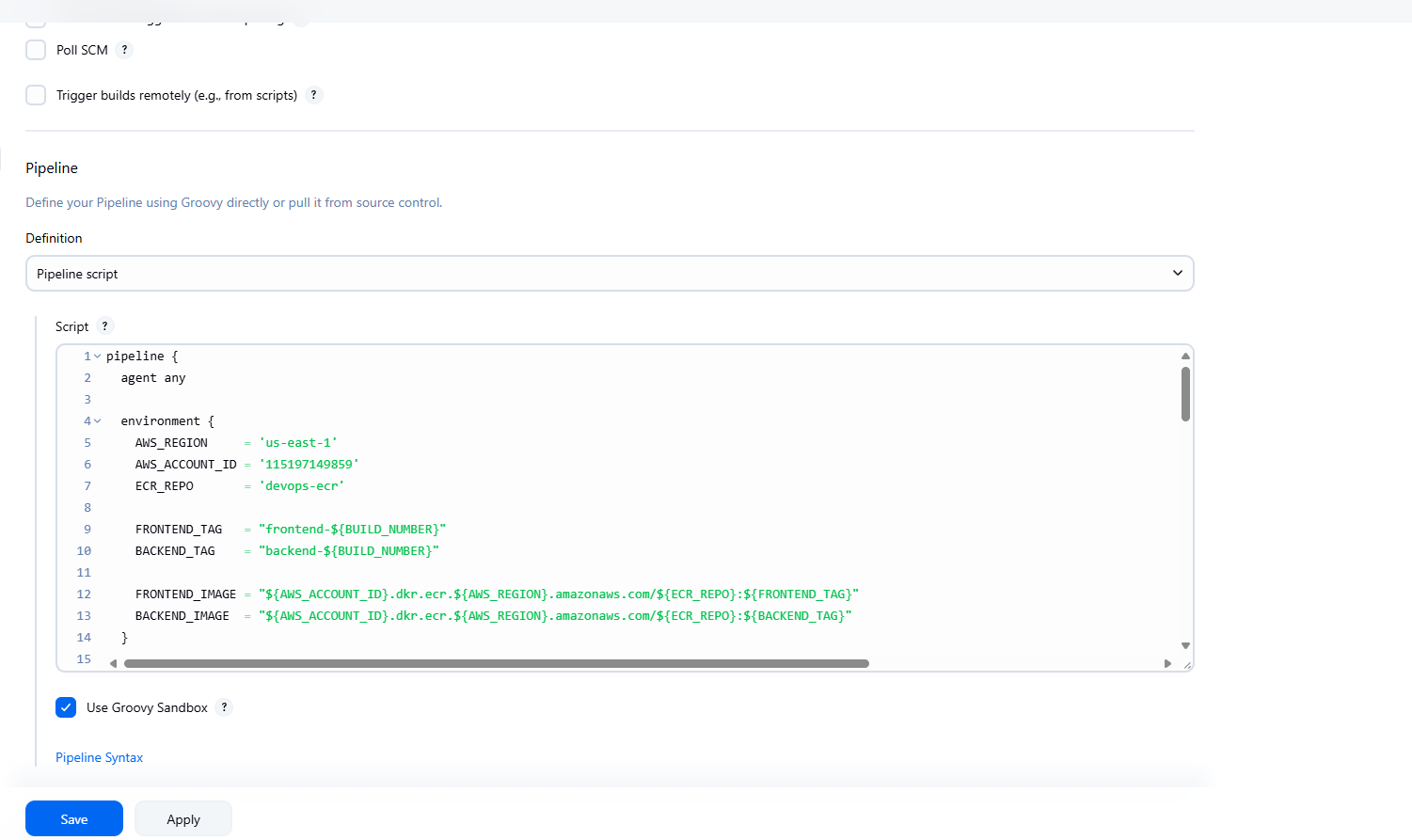
1. Install related plugin for jenkins(git,kubectl)



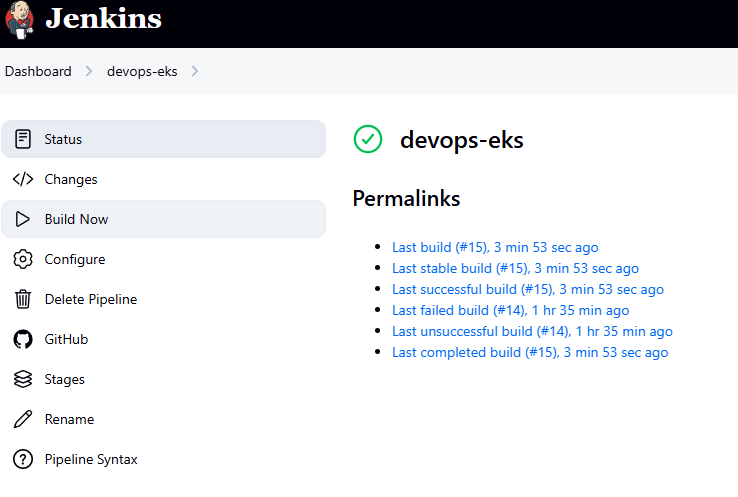
1. Add credentials for Jenkins



1. Create a pipeline in Jenkins

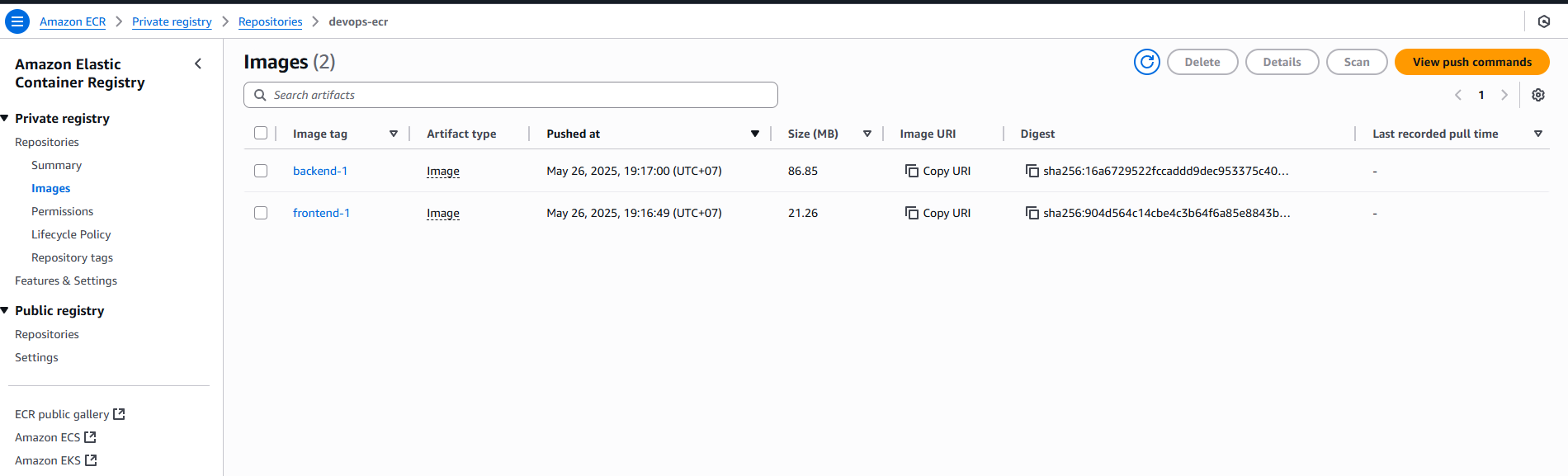


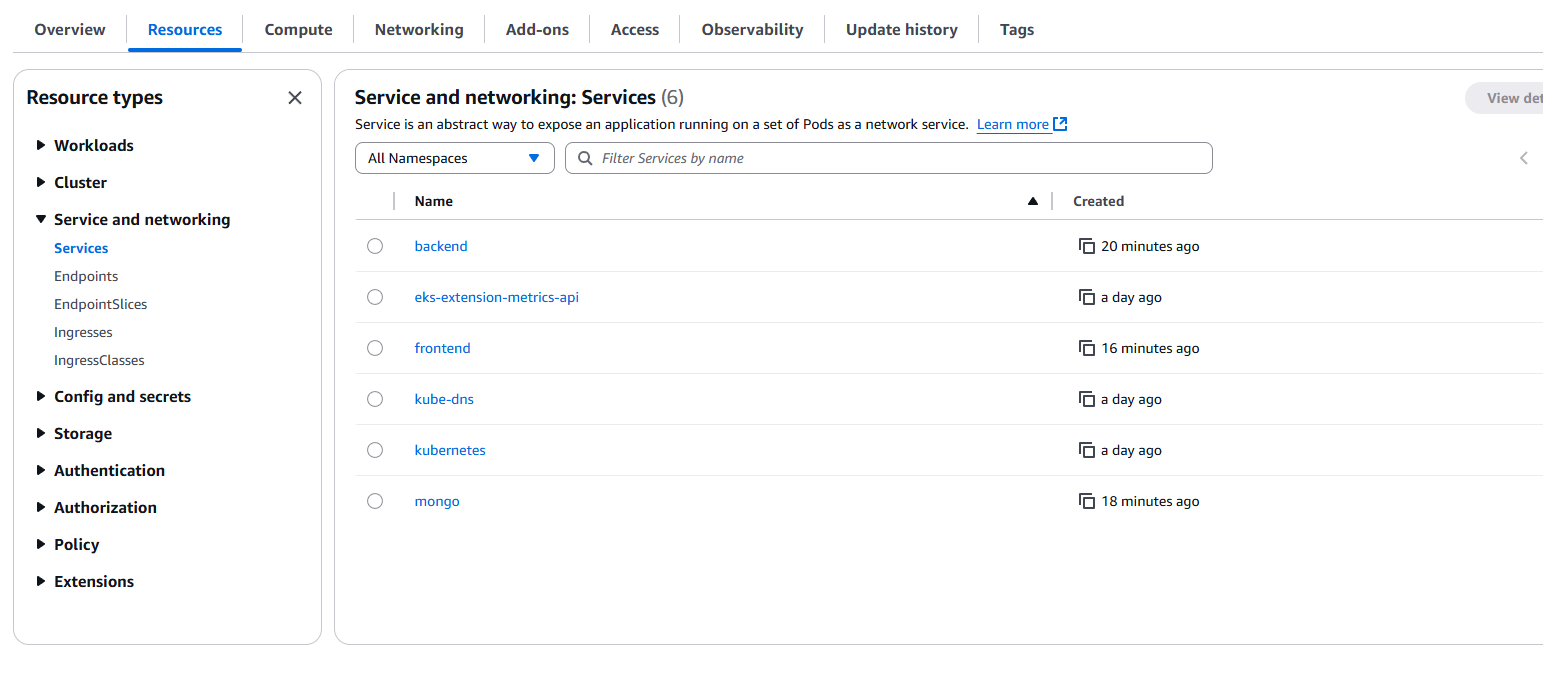
1. Run pipeline



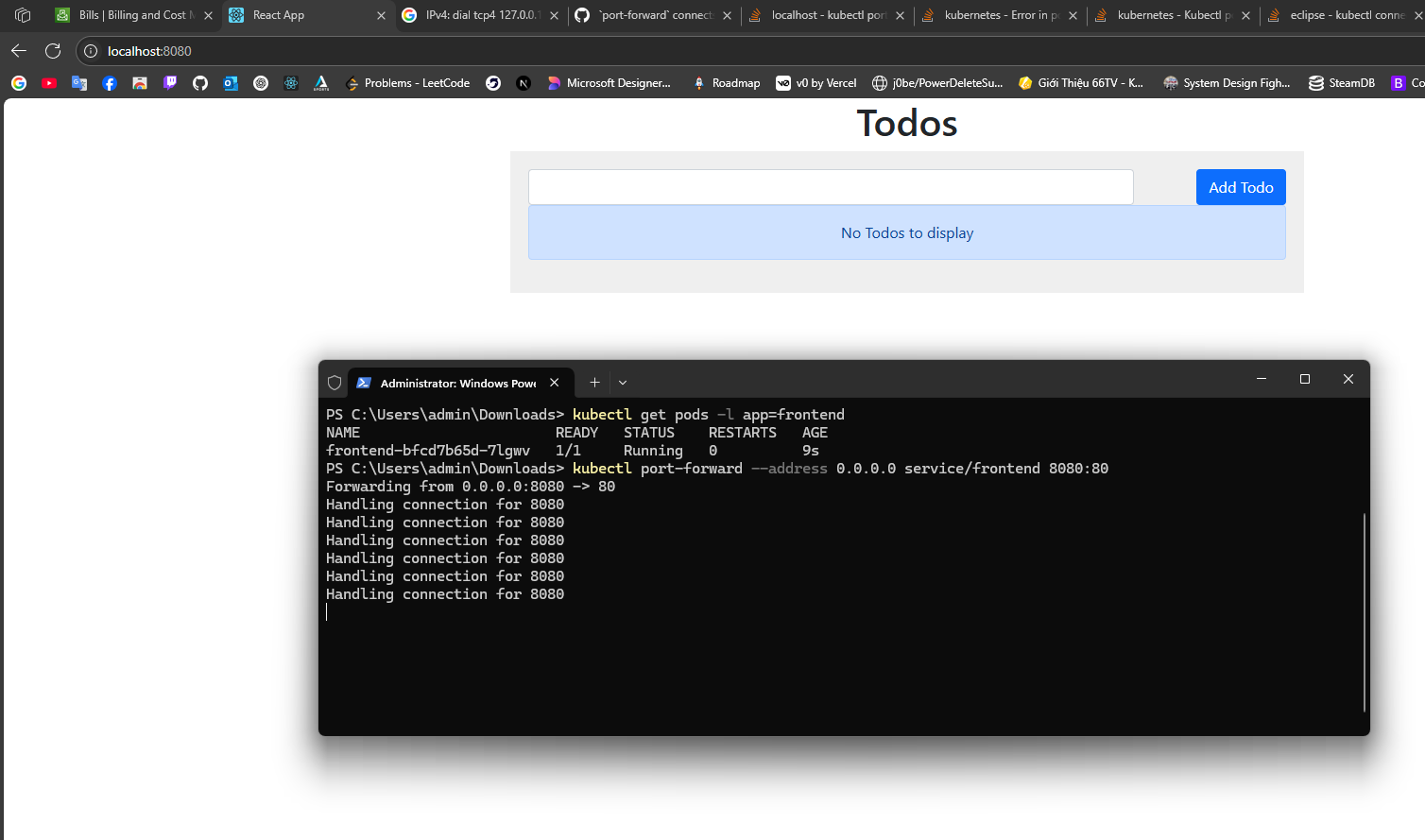


1. Verify image in ECR, resources in EKS

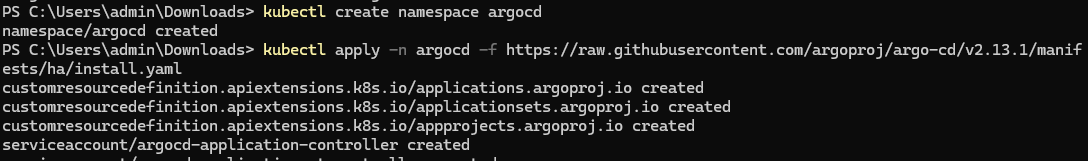


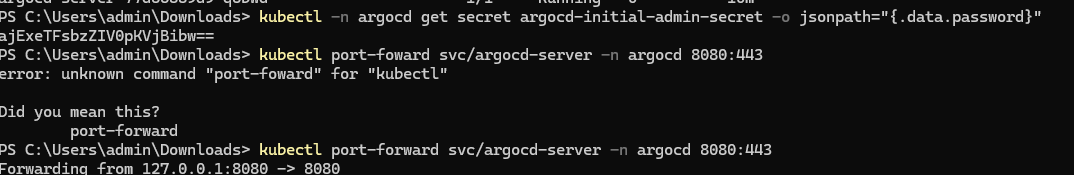


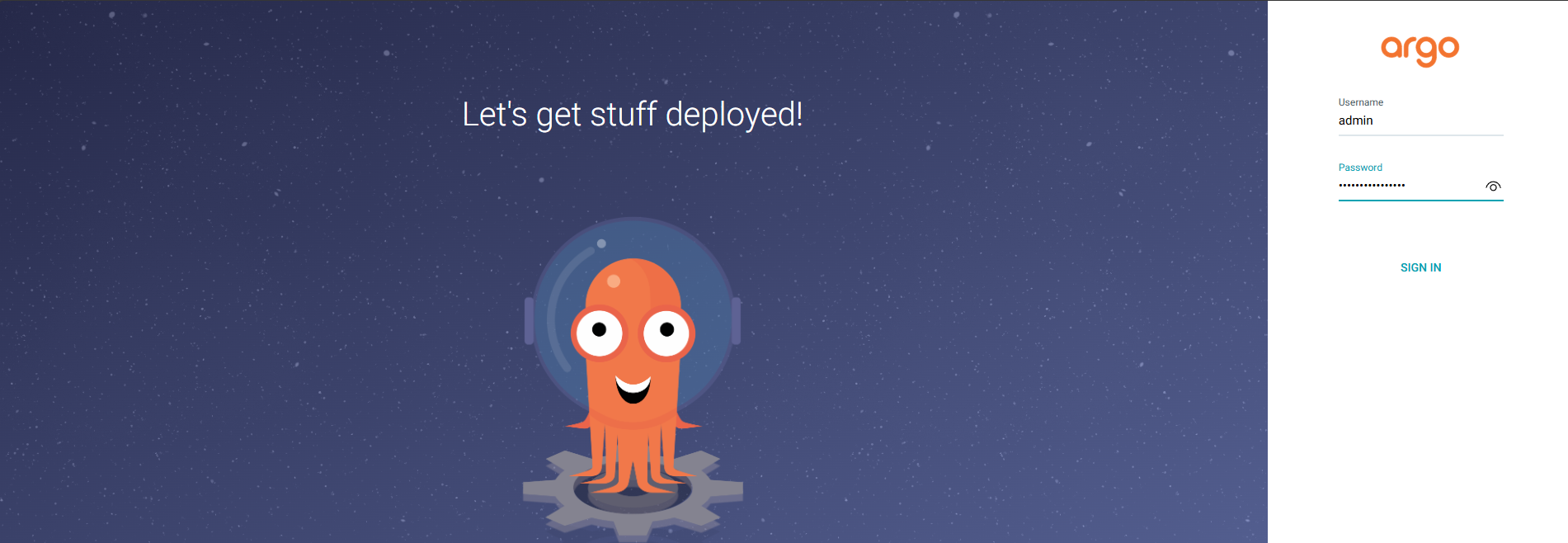
1. Use port-forward and check the app



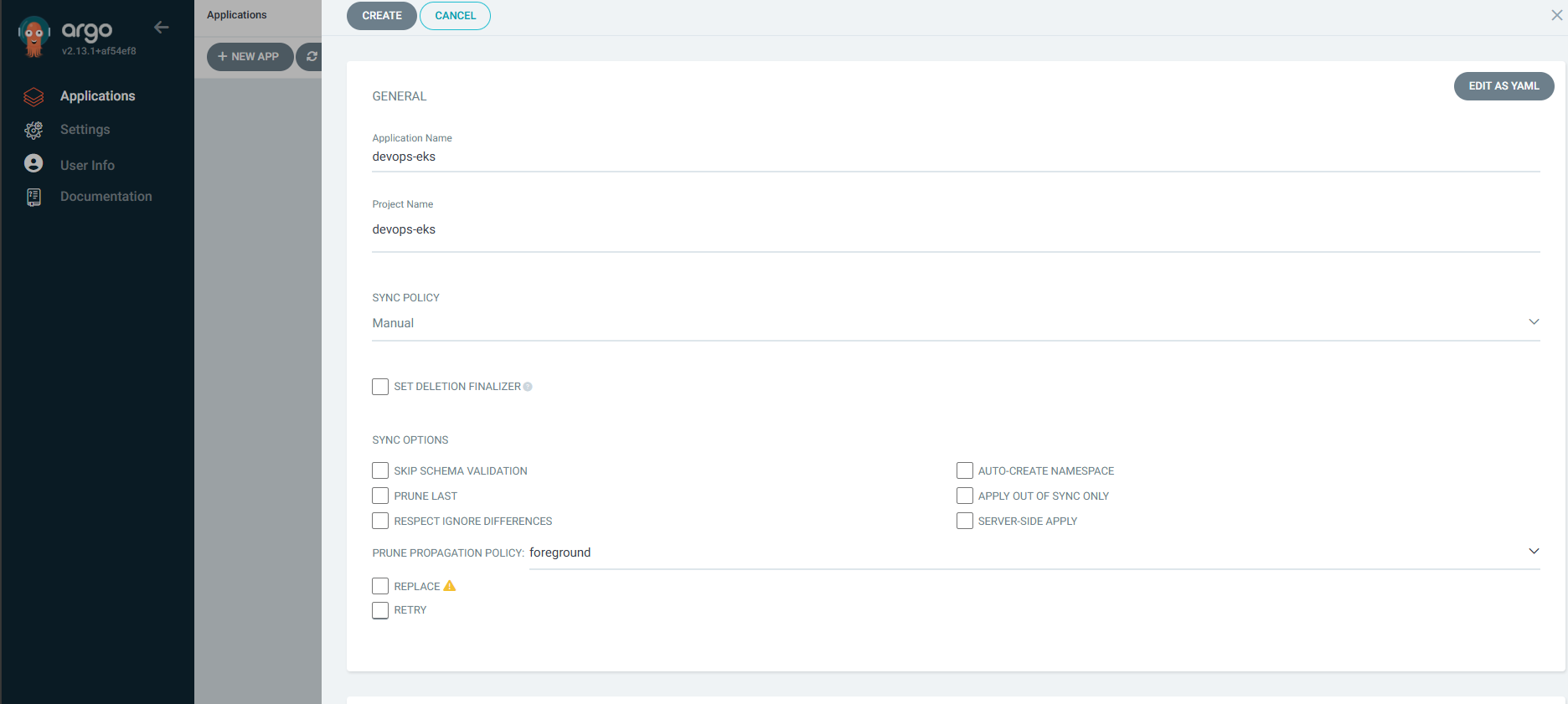
1. Install ArgoCD

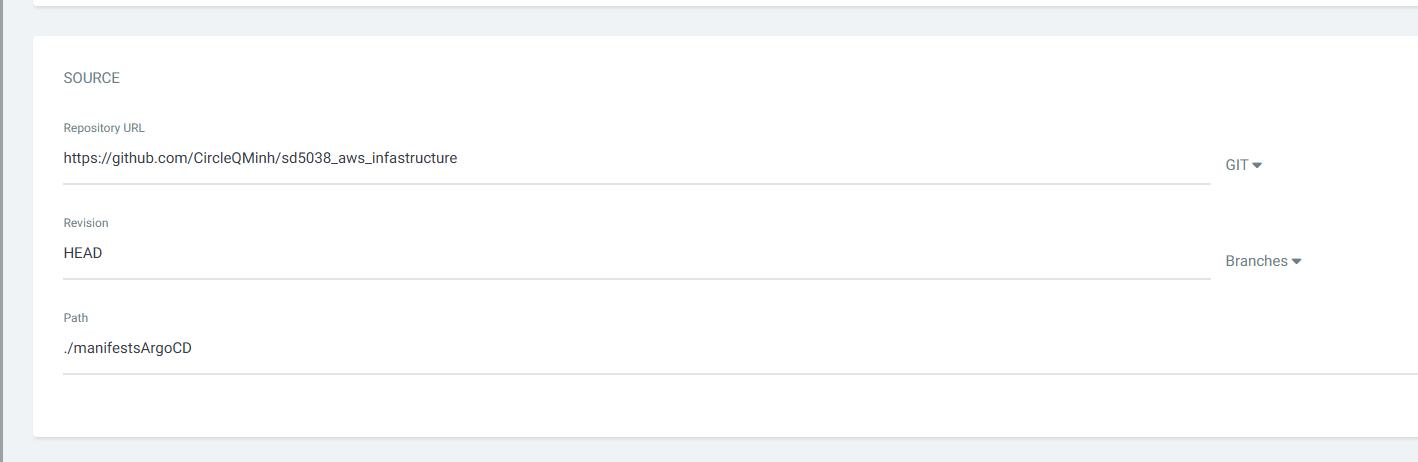




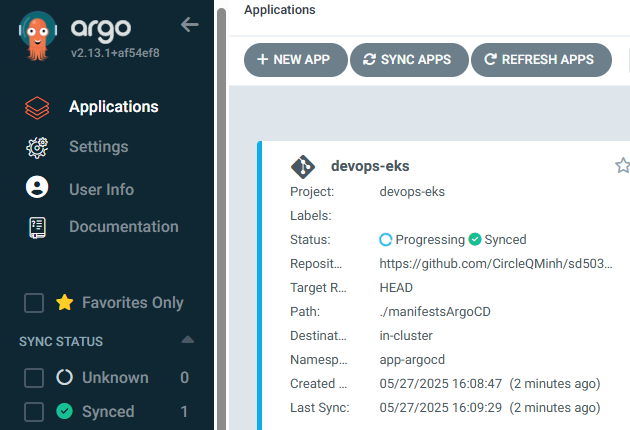


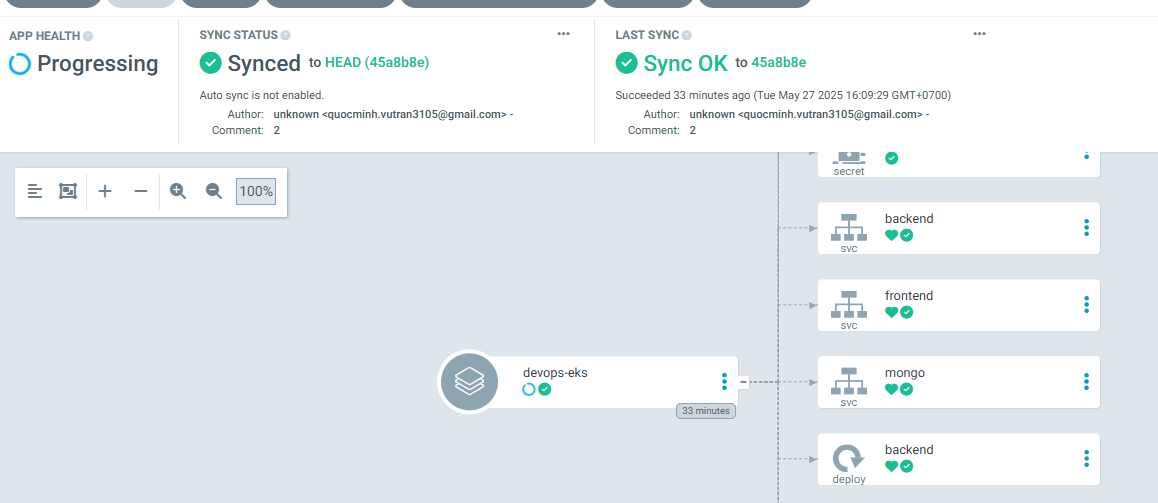
1. Create a new app in ArgoCD

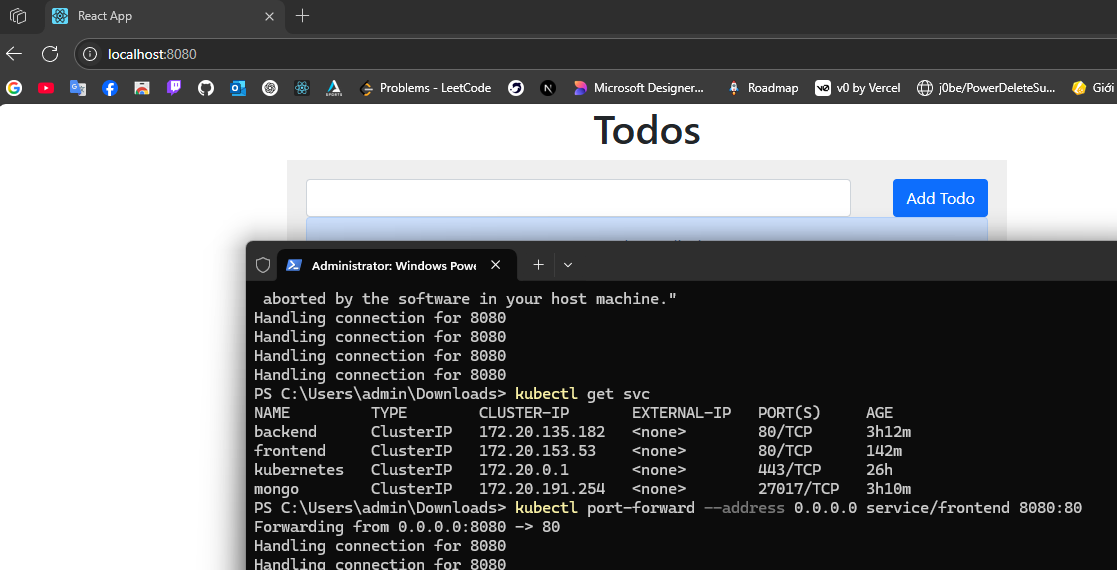




1. Sync the app from git







1. Install Prometheus/Grafana

