**K8s Kind Voting App**

A comprehensive guide for setting up a Kubernetes cluster using Kind on an AWS EC2 instance, installing and configuring Argo CD, and deploying applications using Argo CD

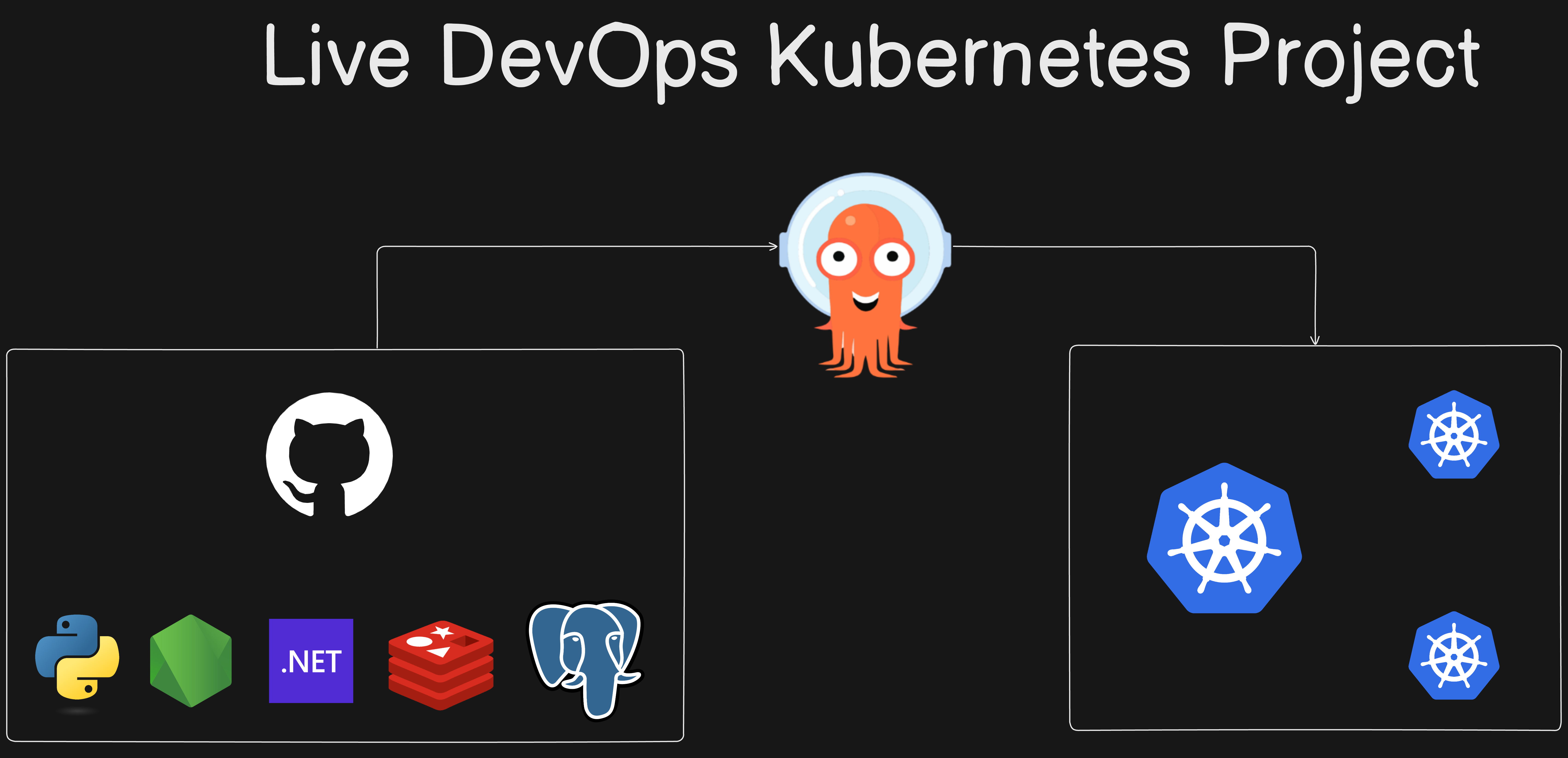
### Project Title:

Automated Deployment of Scalable Applications on AWS EC2 with Kubernetes and Argo CD.

### Description:

Led the deployment of scalable applications on AWS EC2 using Kubernetes and Argo CD for streamlined management and continuous integration. Orchestrated deployments via Kubernetes dashboard, ensuring efficient resource utilization and seamless scaling.

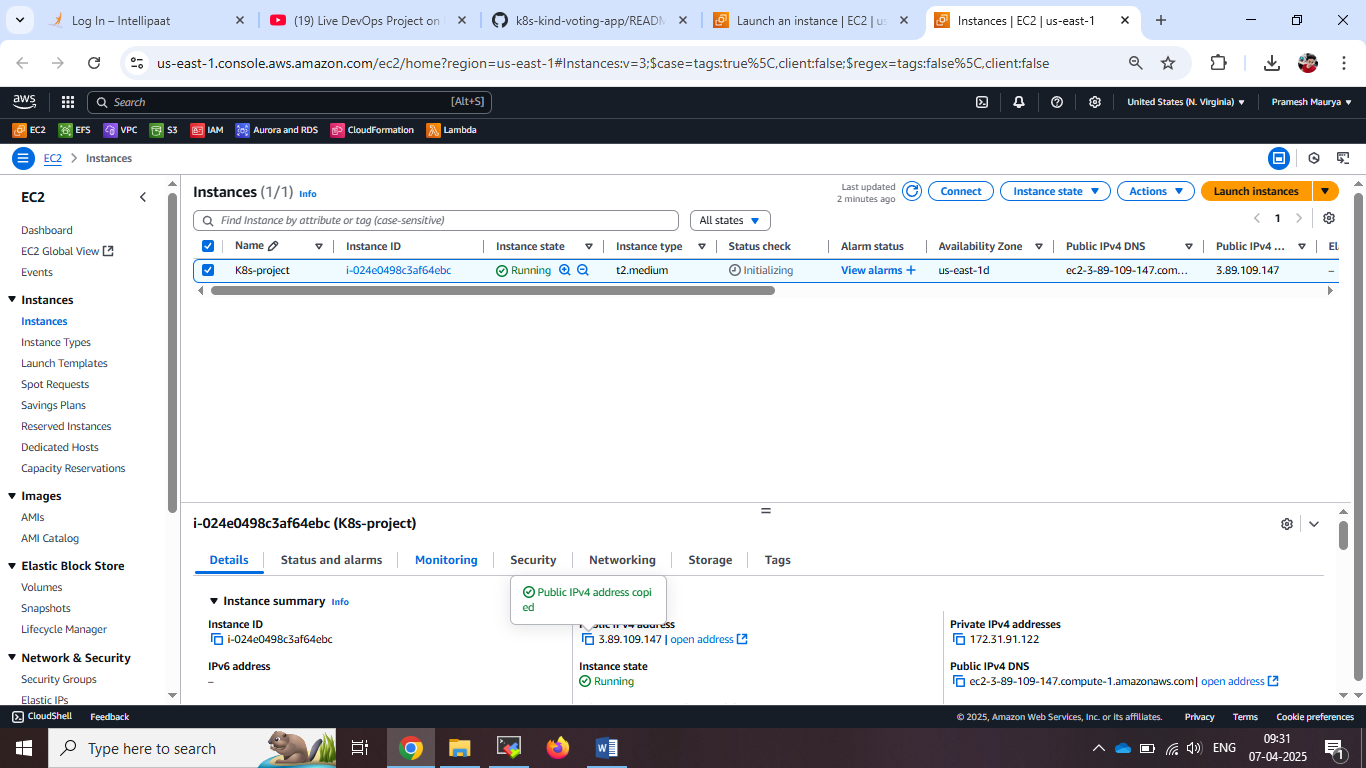
## **Architecture**:



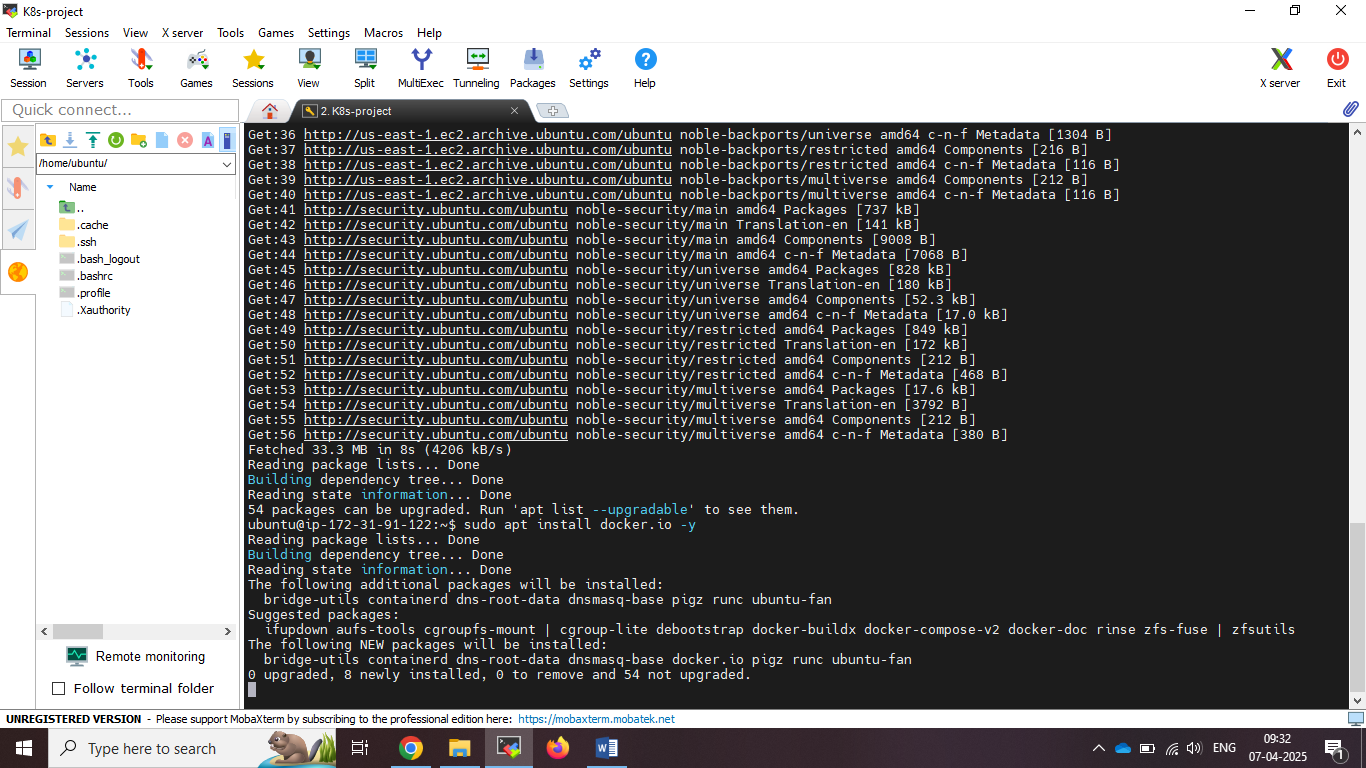
## Overview:

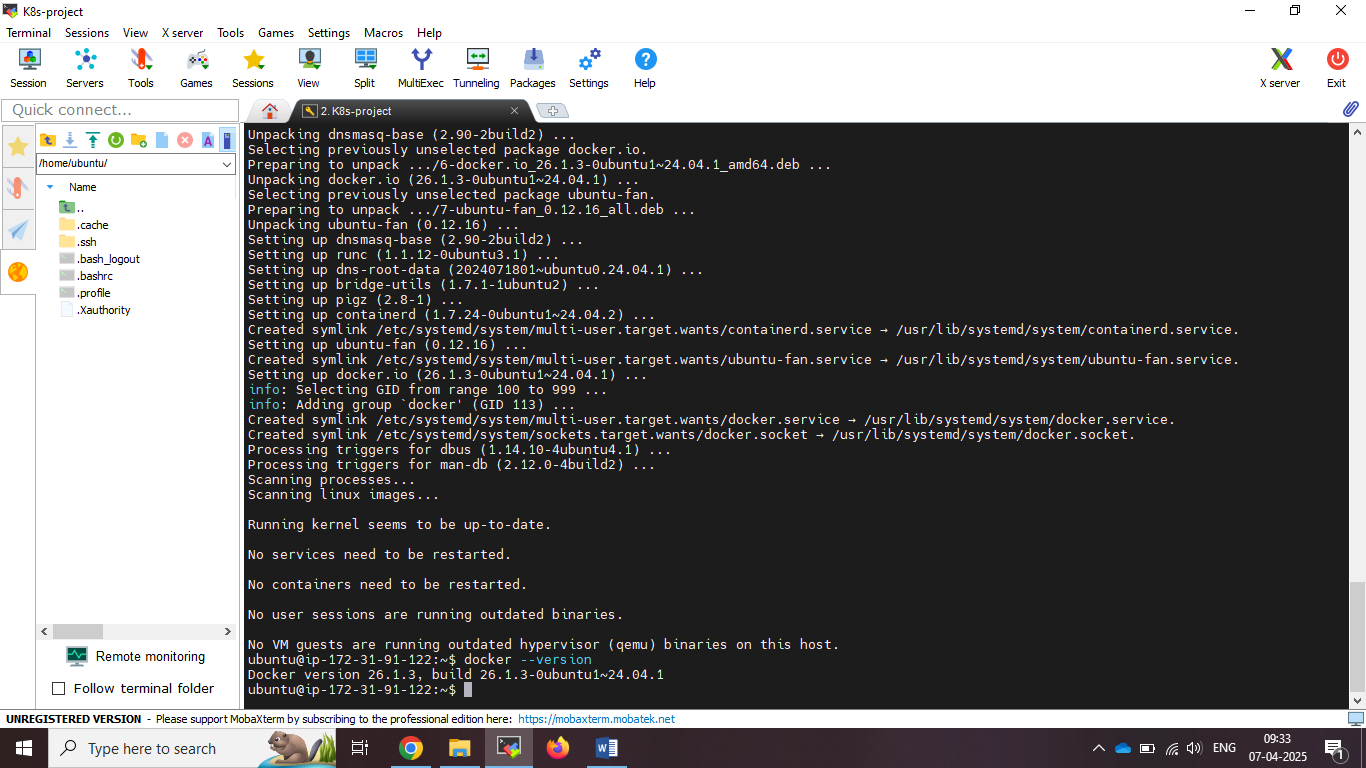
This guide covers the steps to:

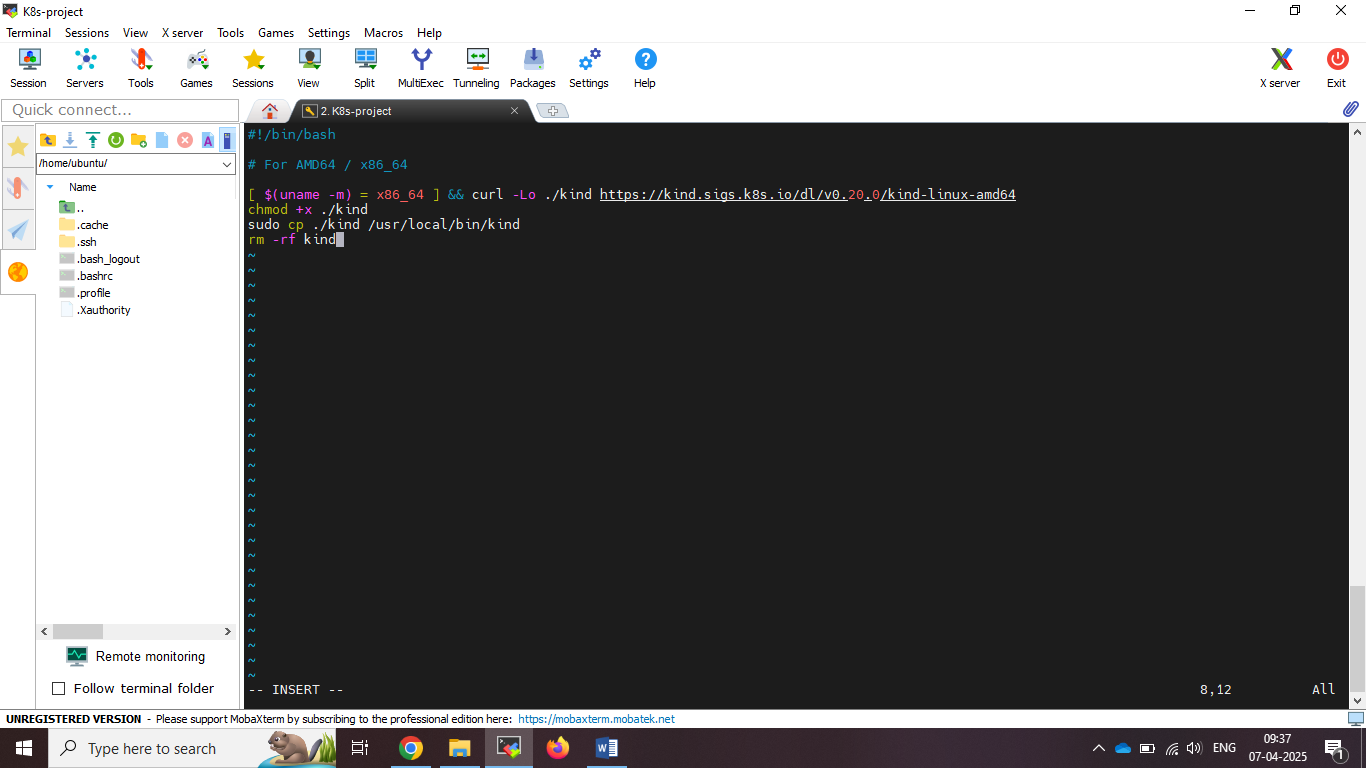
* Launch an AWS EC2 instance.
* Install Docker and Kind.
* Create a Kubernetes cluster using Kind.
* Install and access kubectl.
* Set up the Kubernetes Dashboard.
* Install and configure Argo CD.
* Connect and manage your Kubernetes cluster with Argo CD.

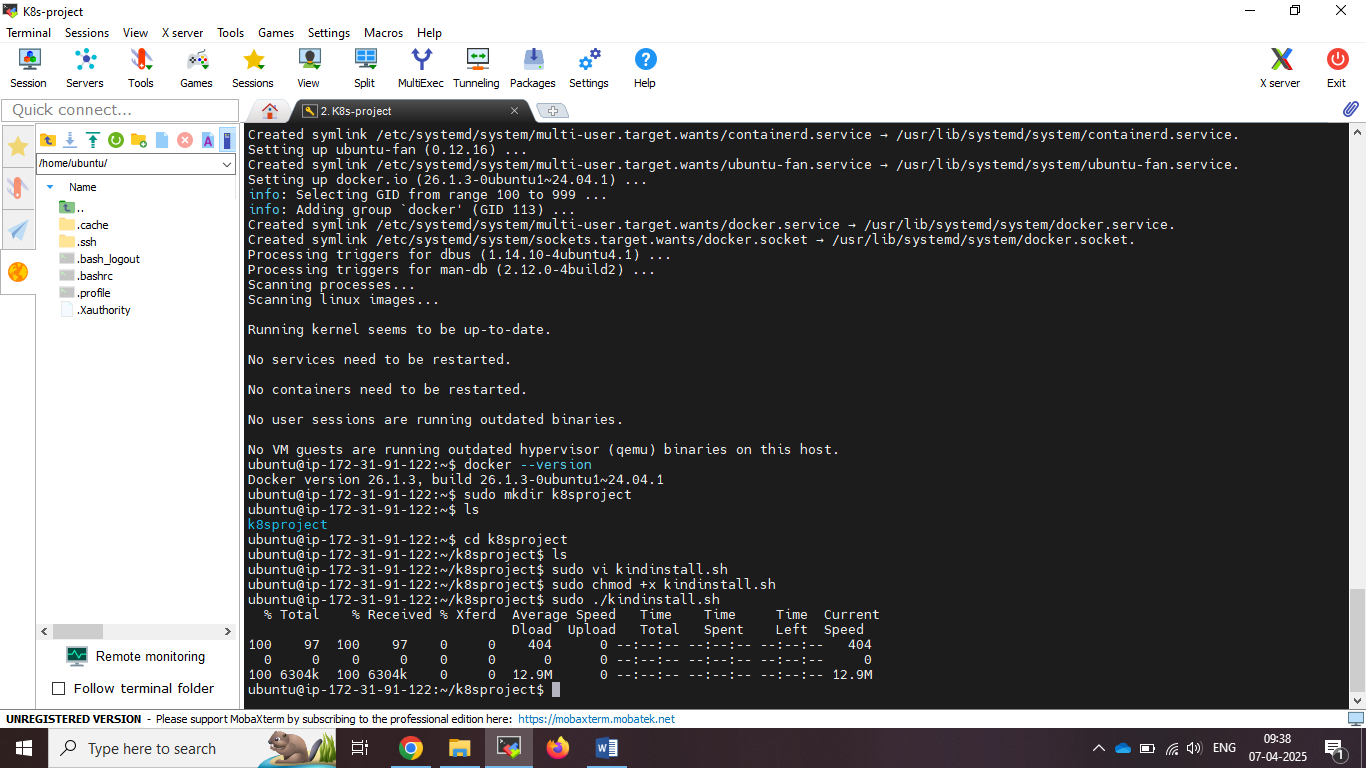


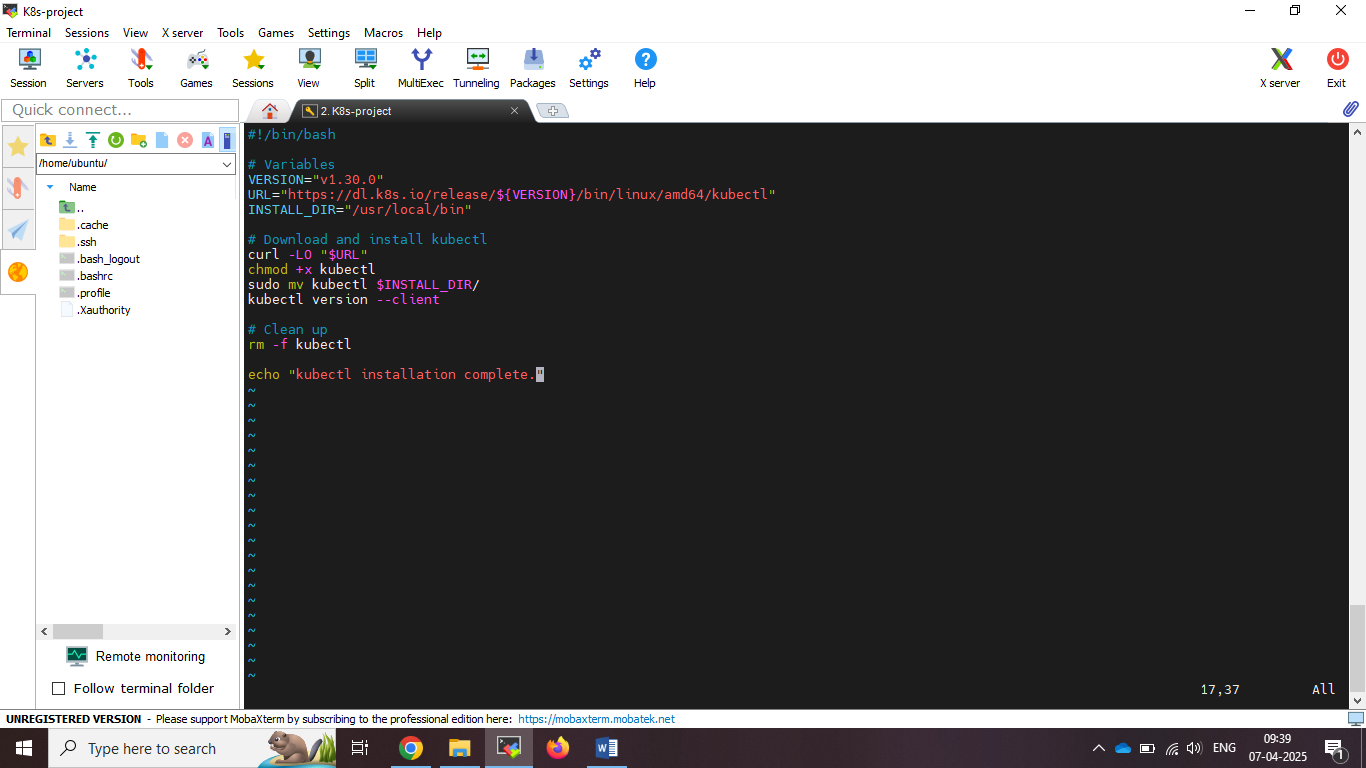


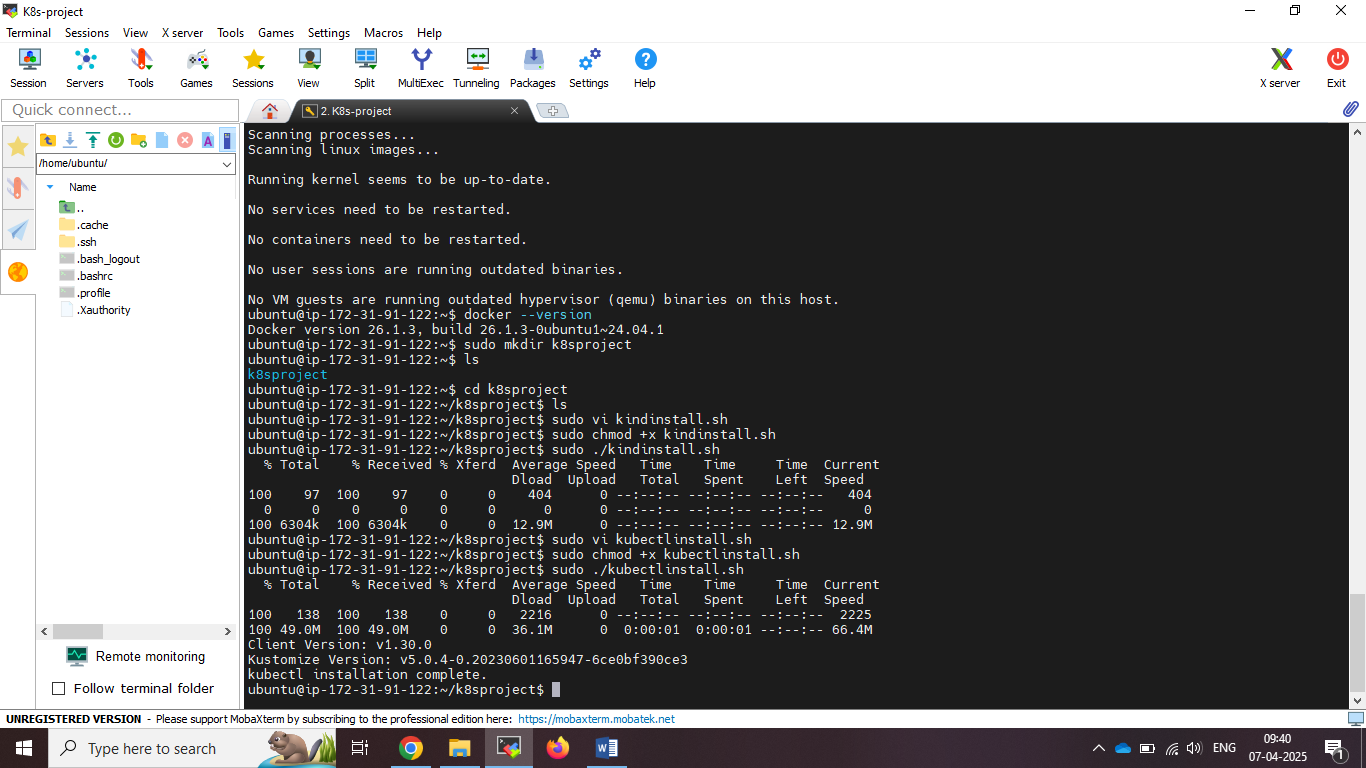


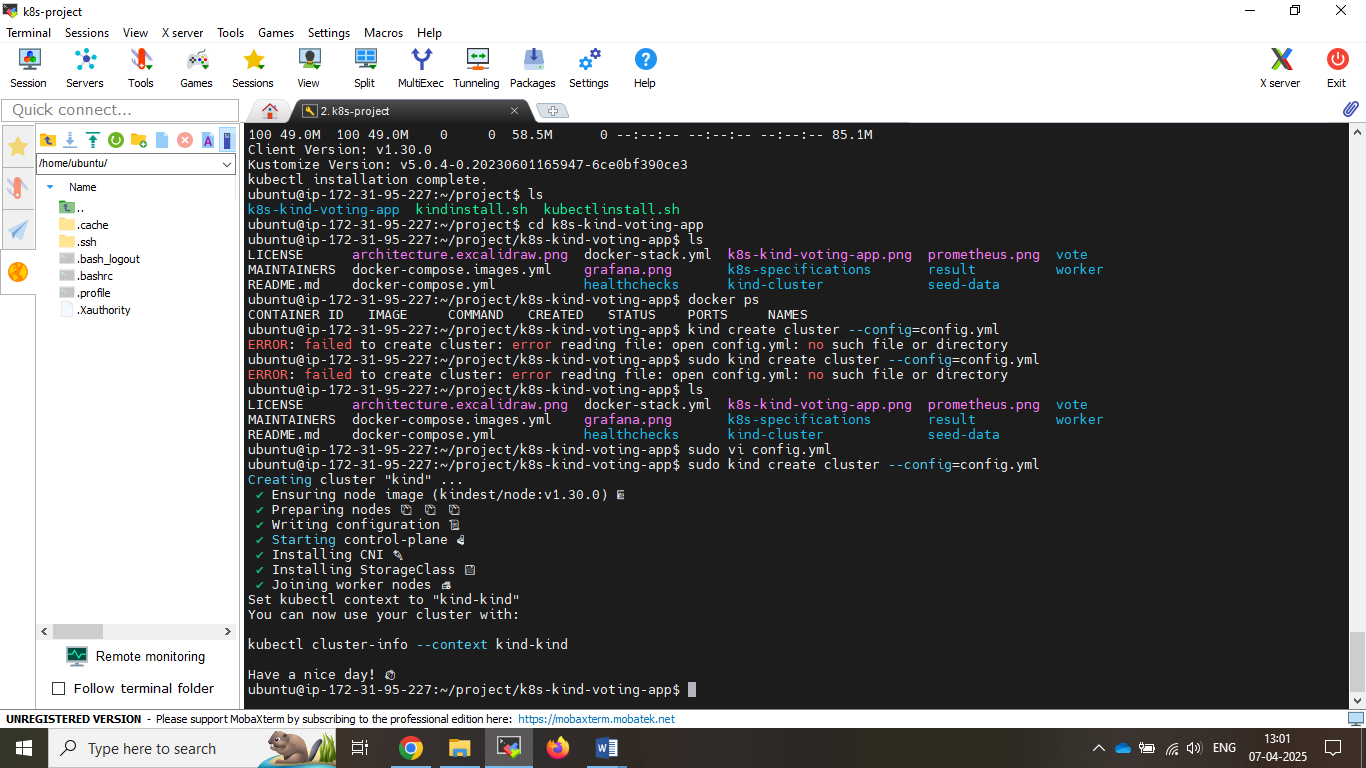


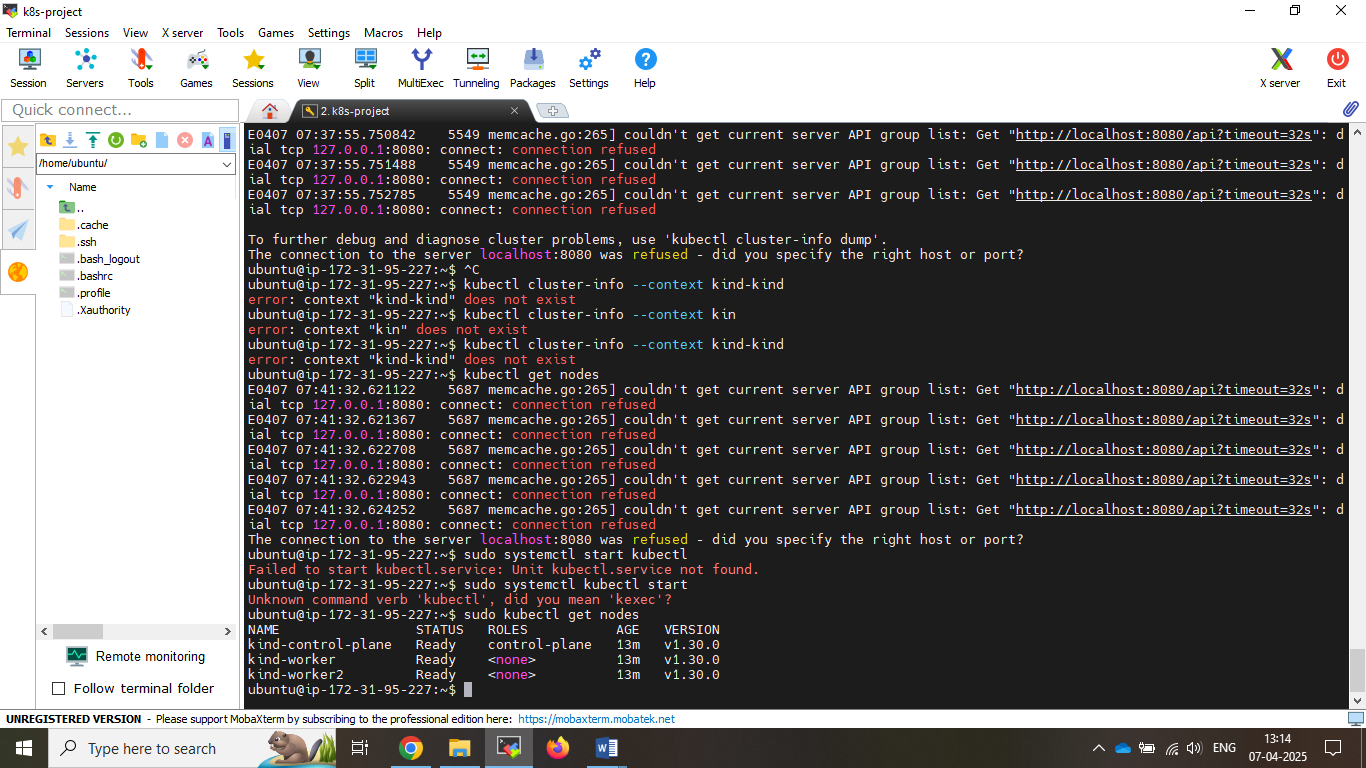


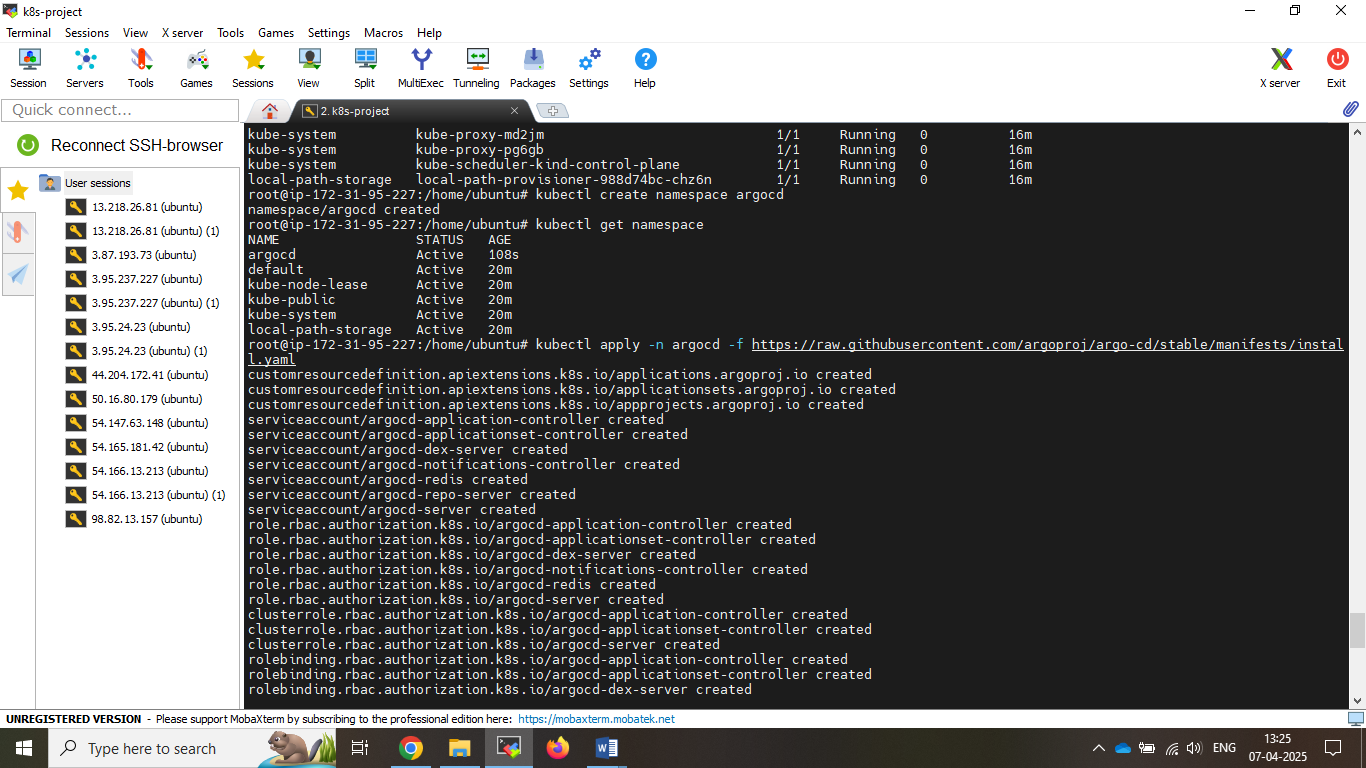


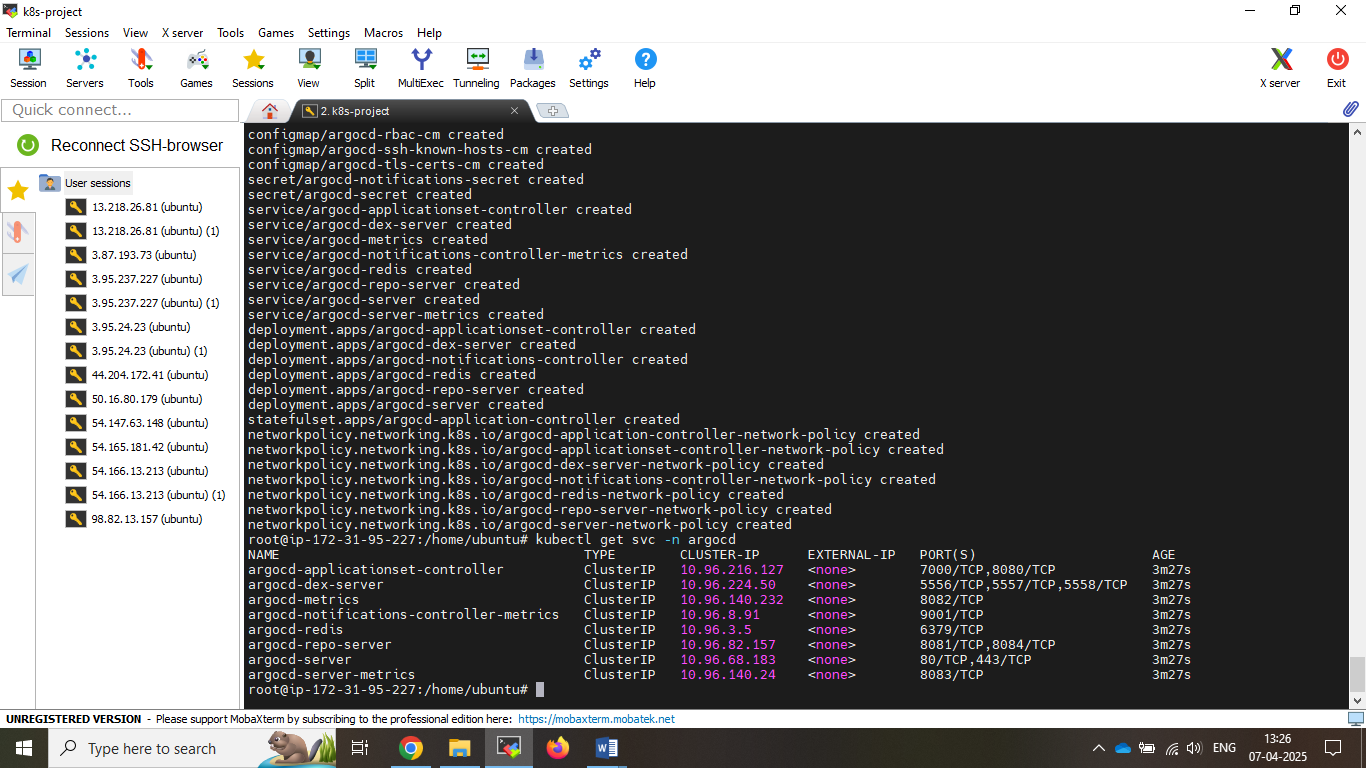


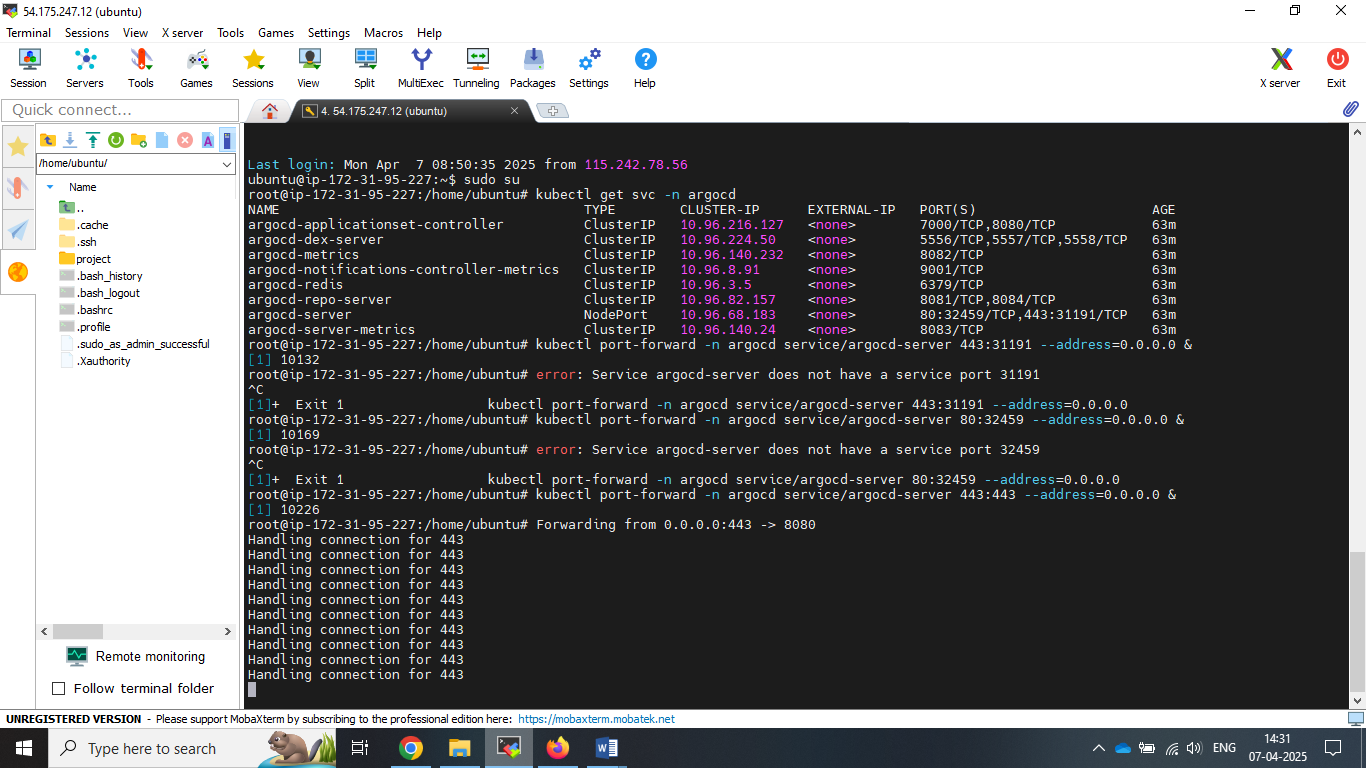


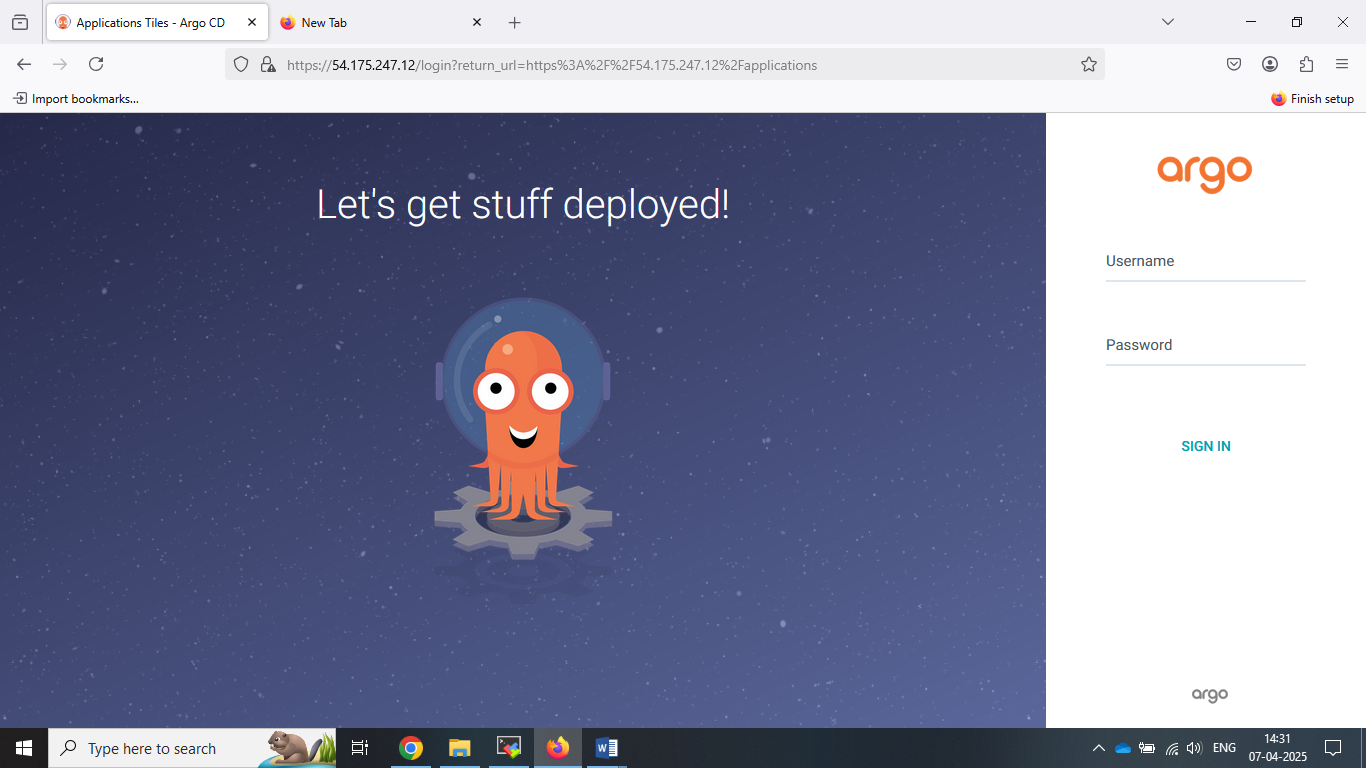


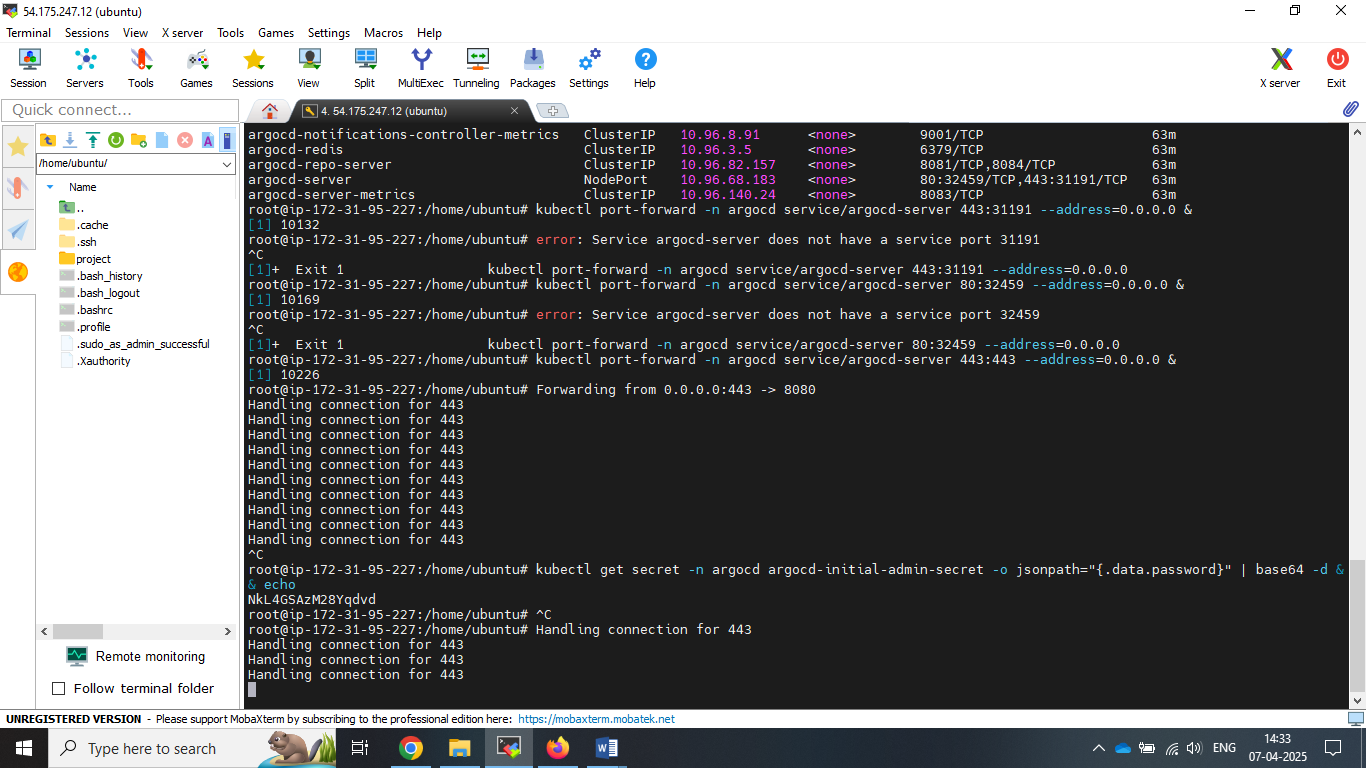


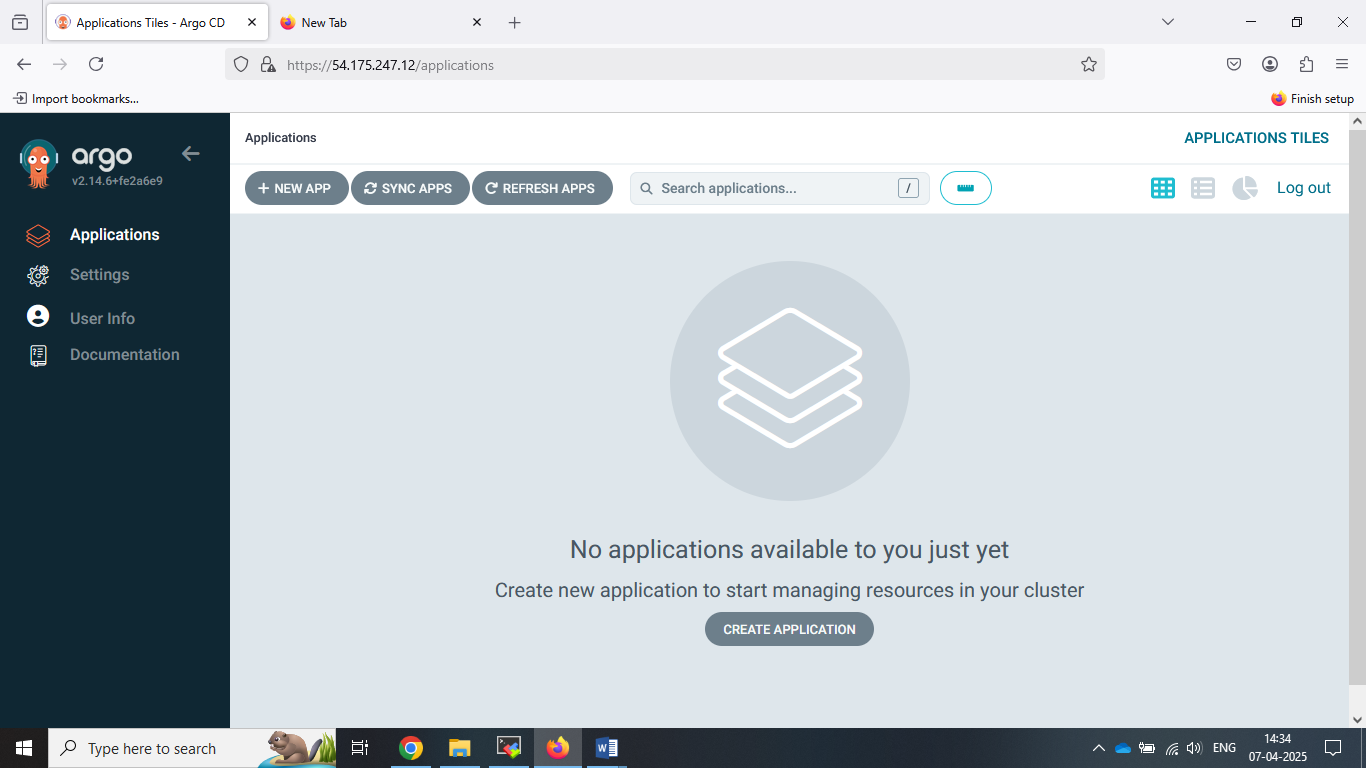


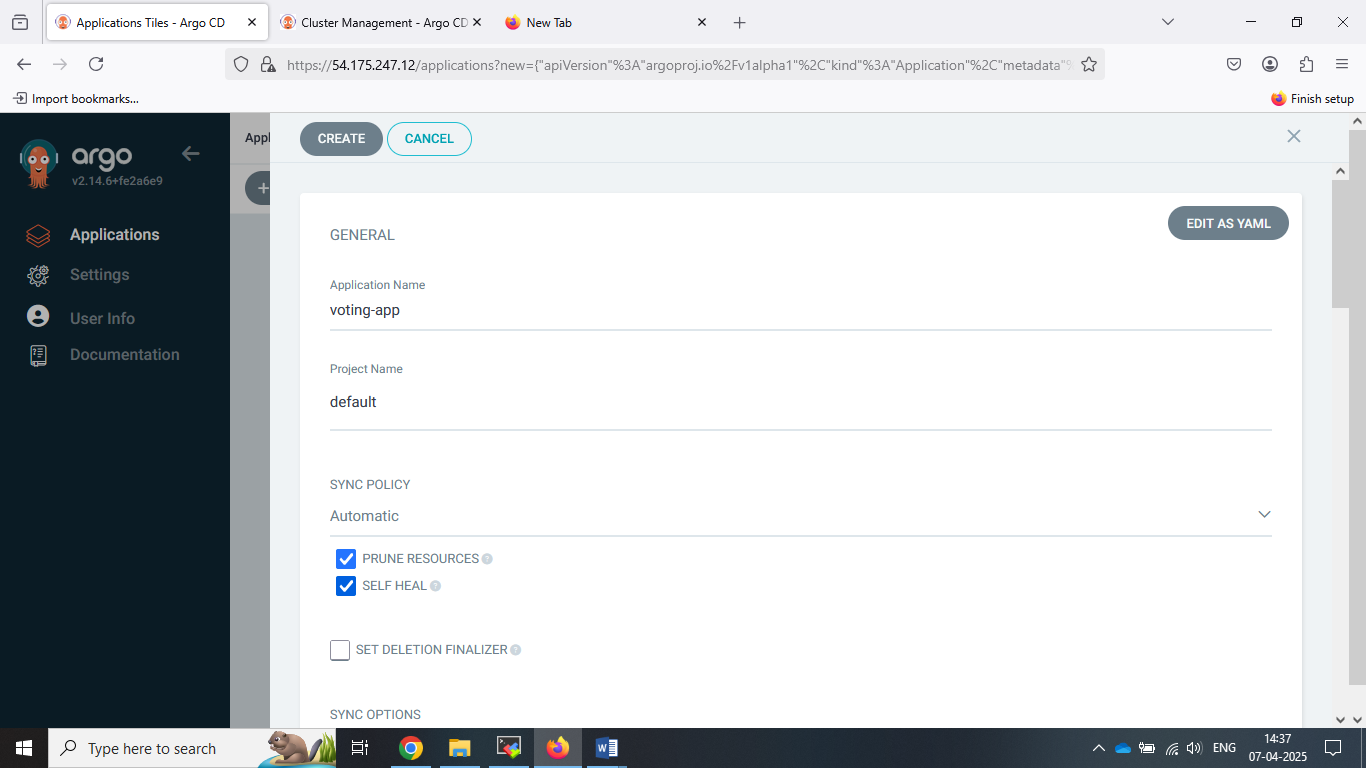


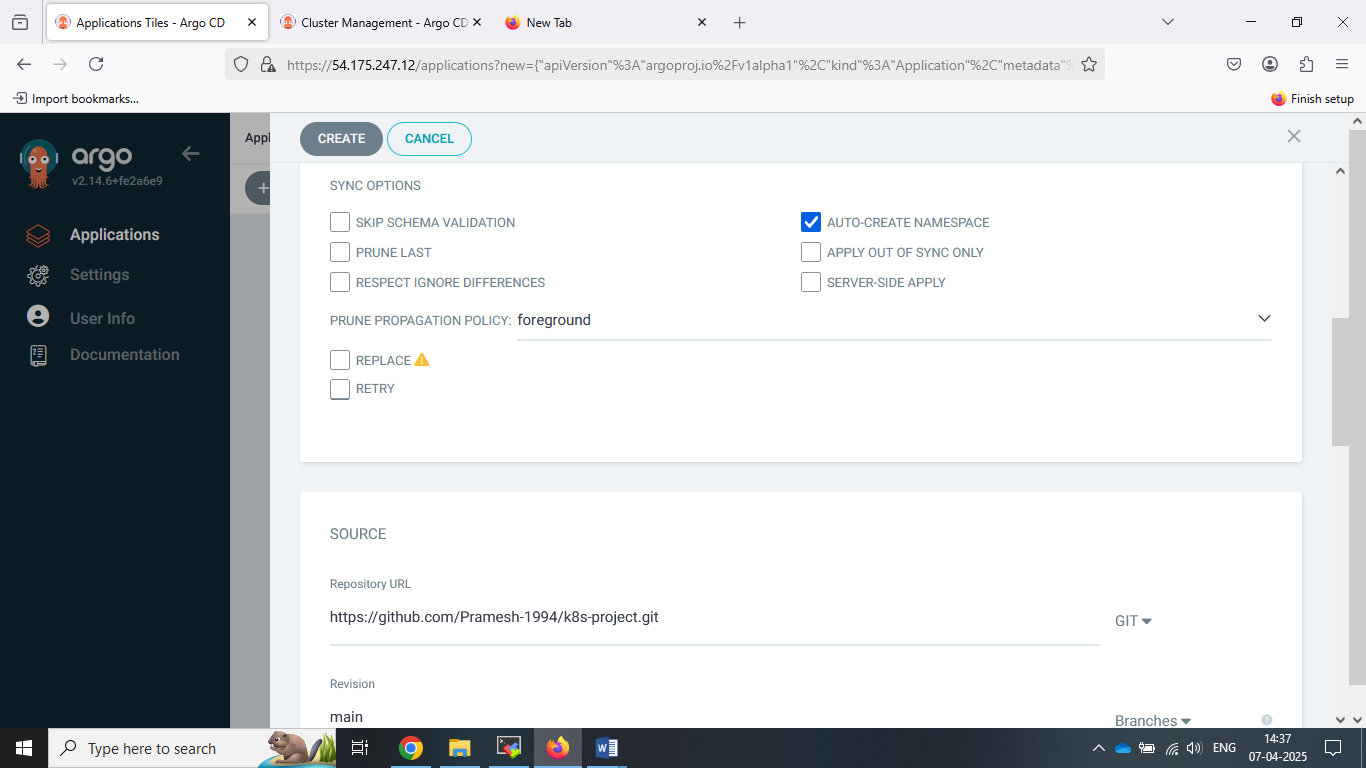


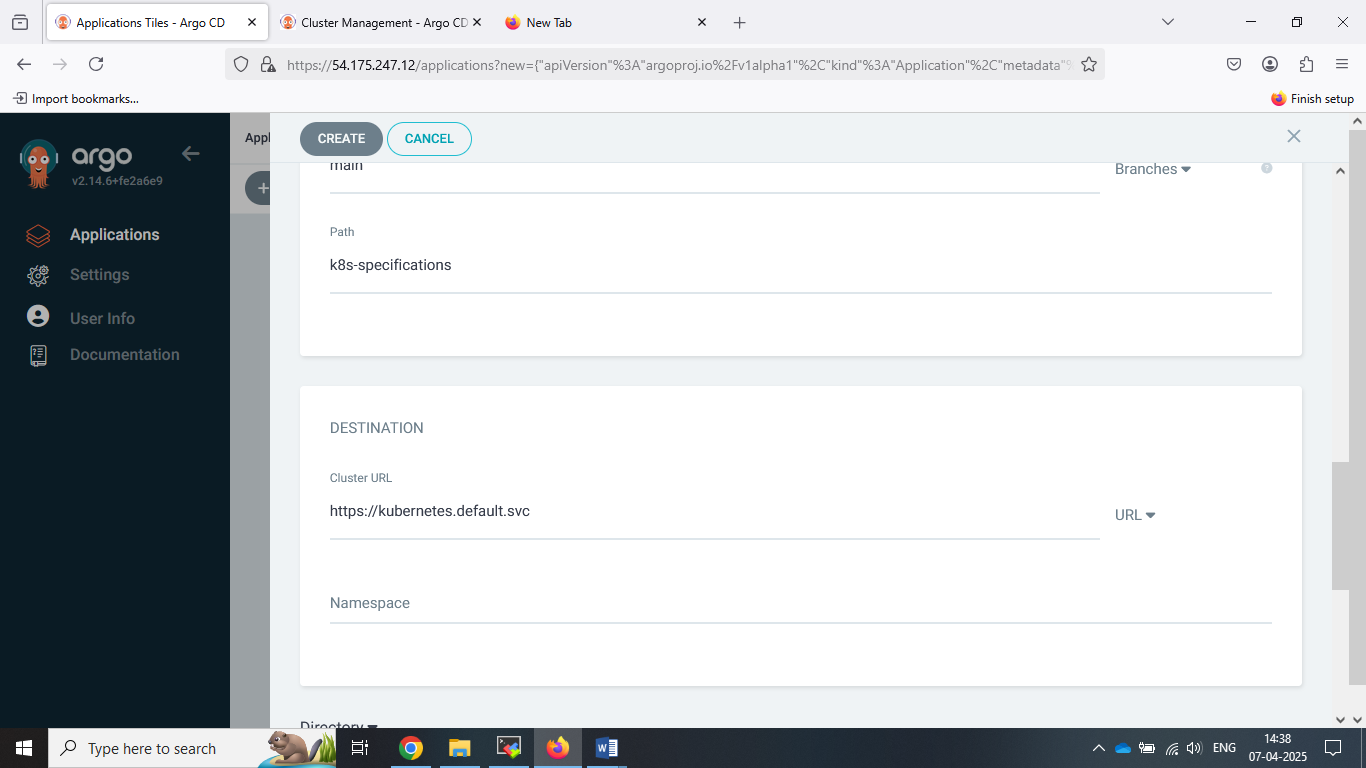


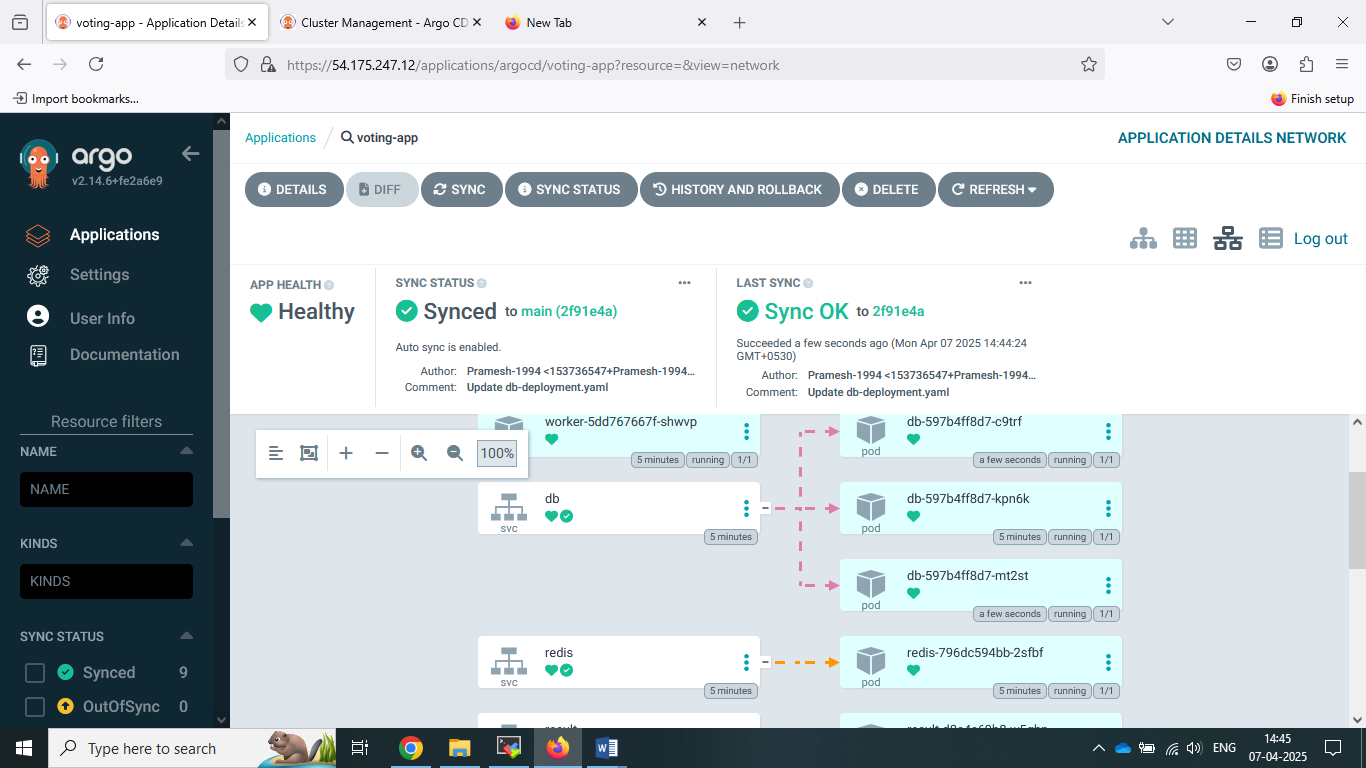


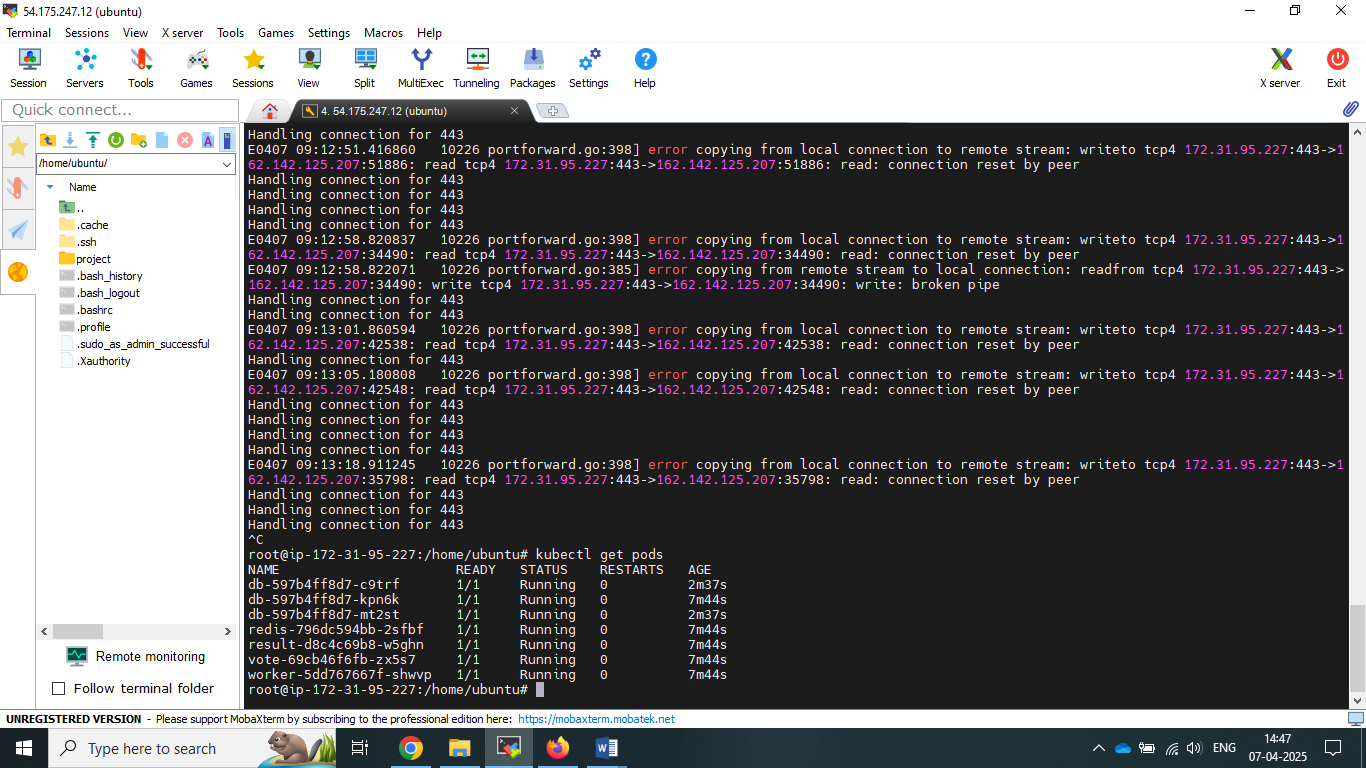


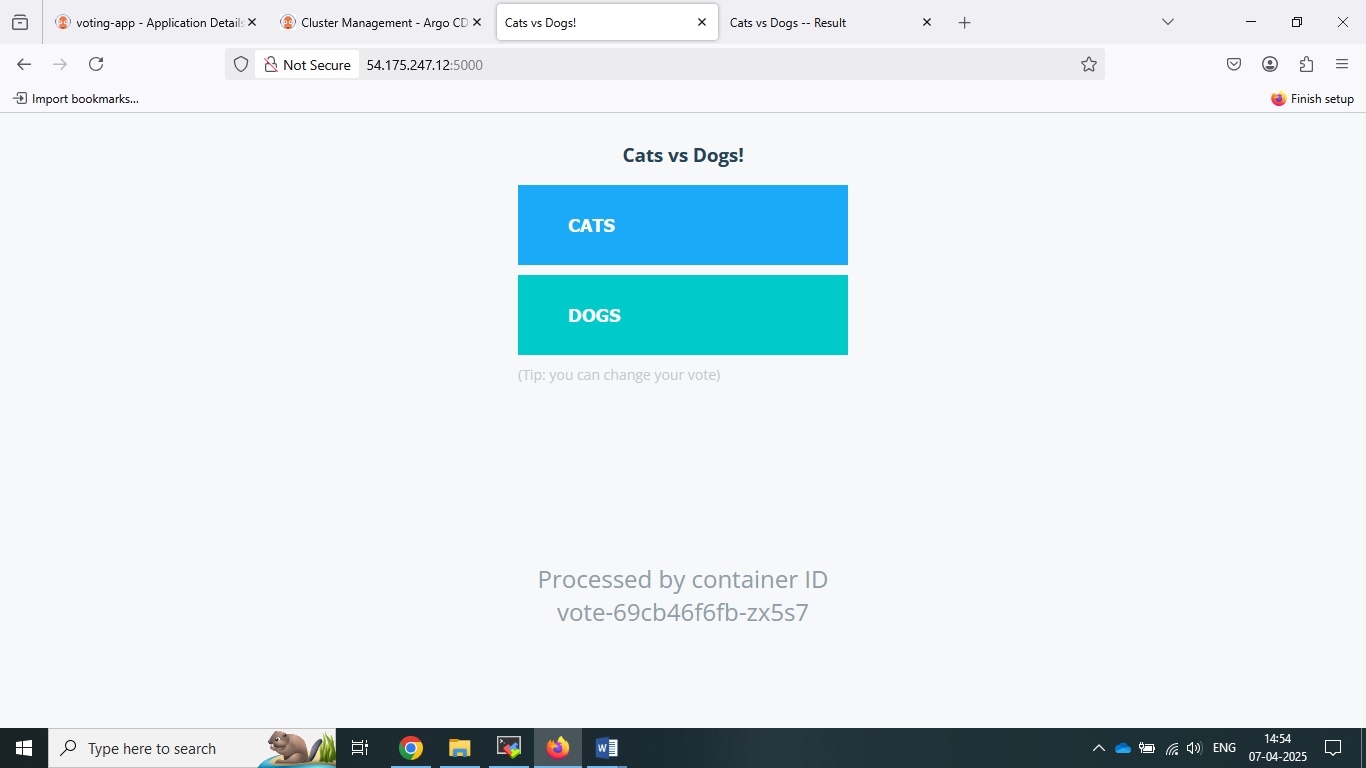


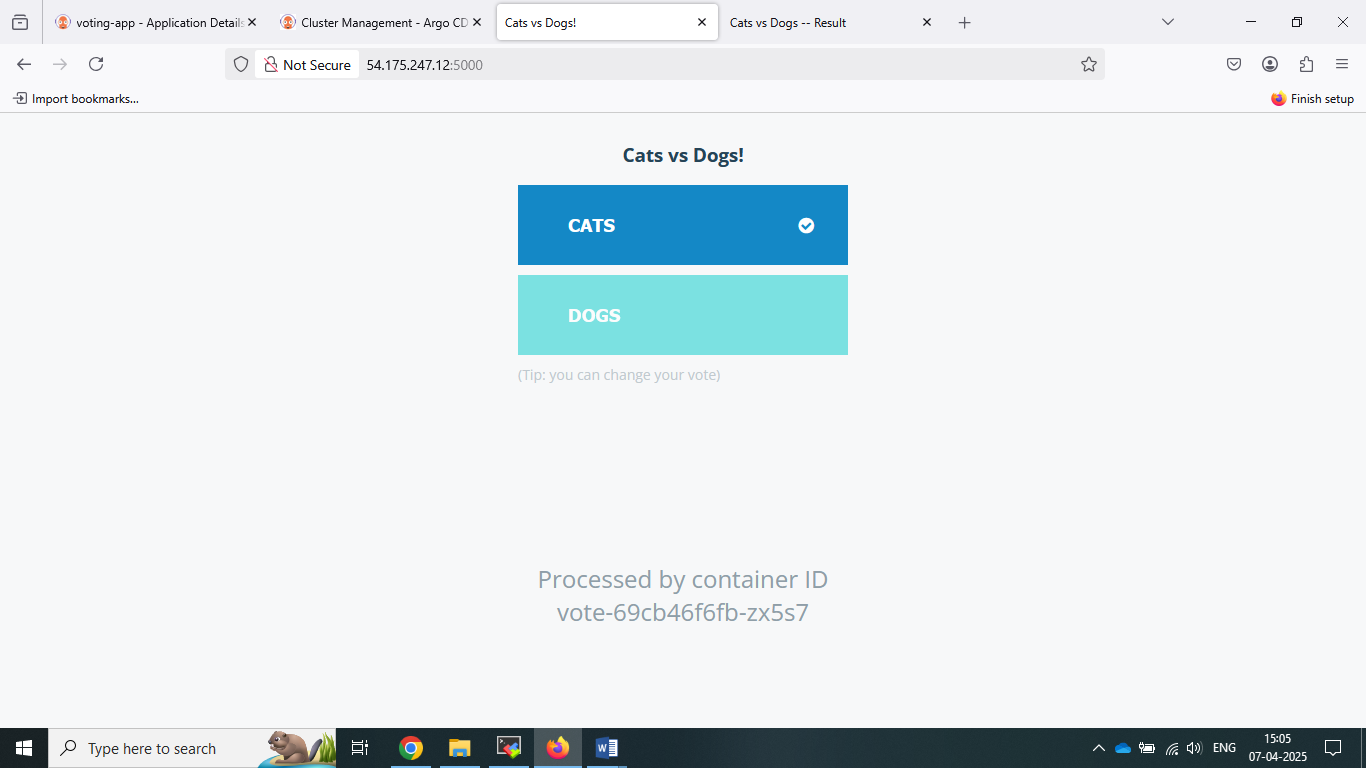


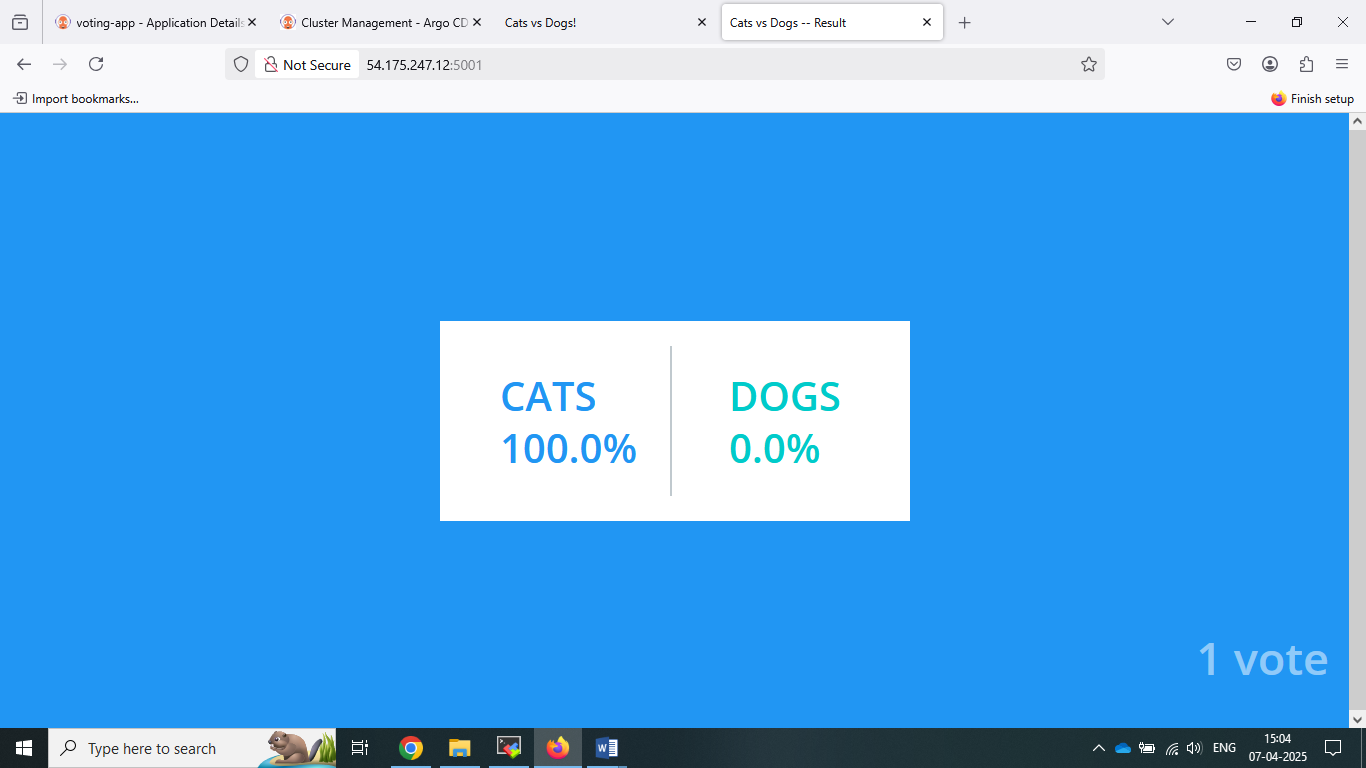


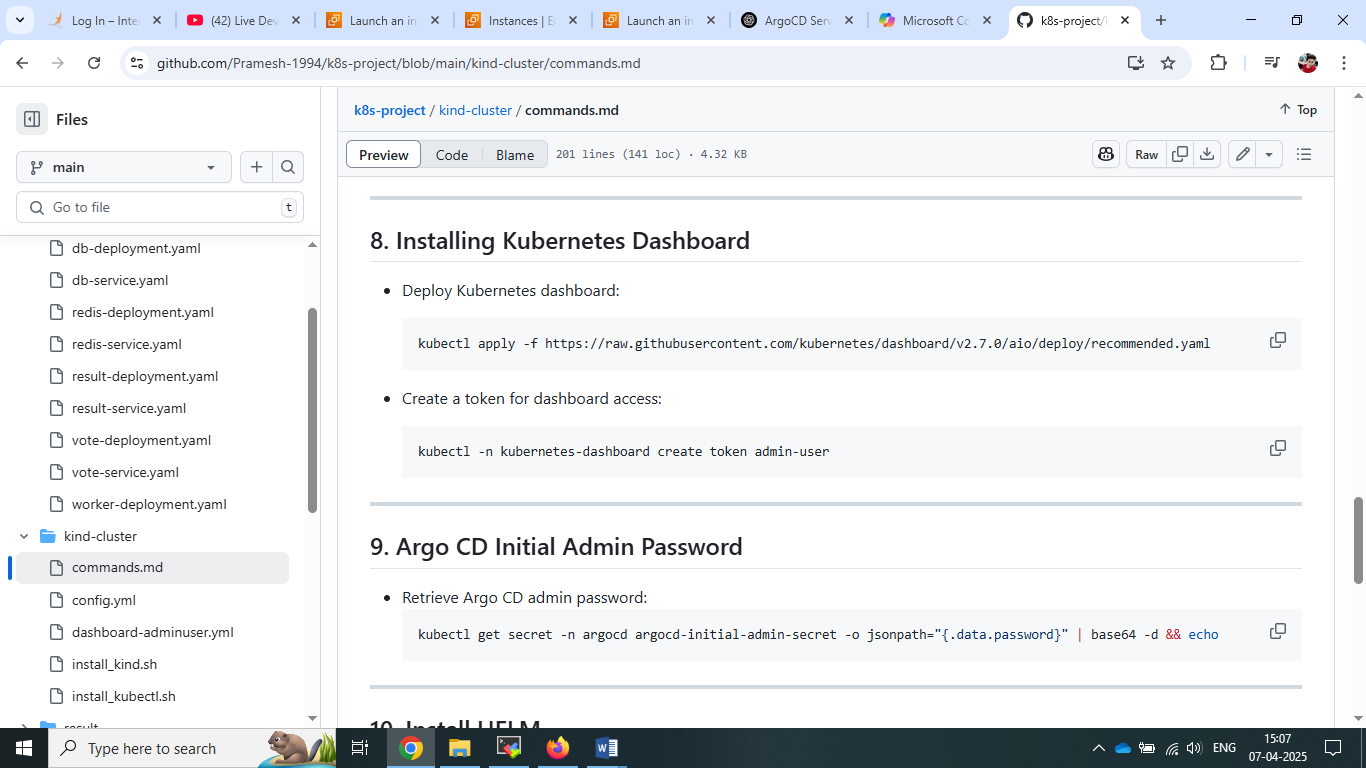


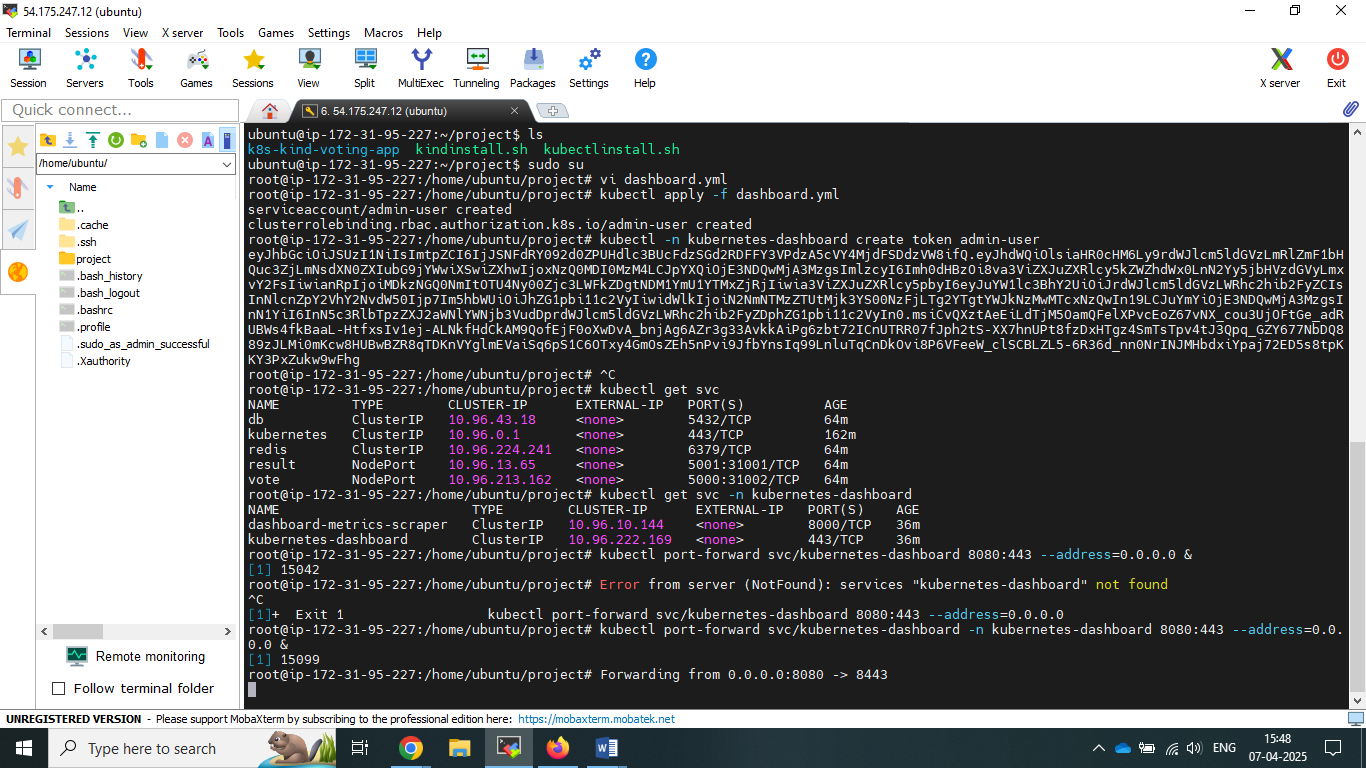


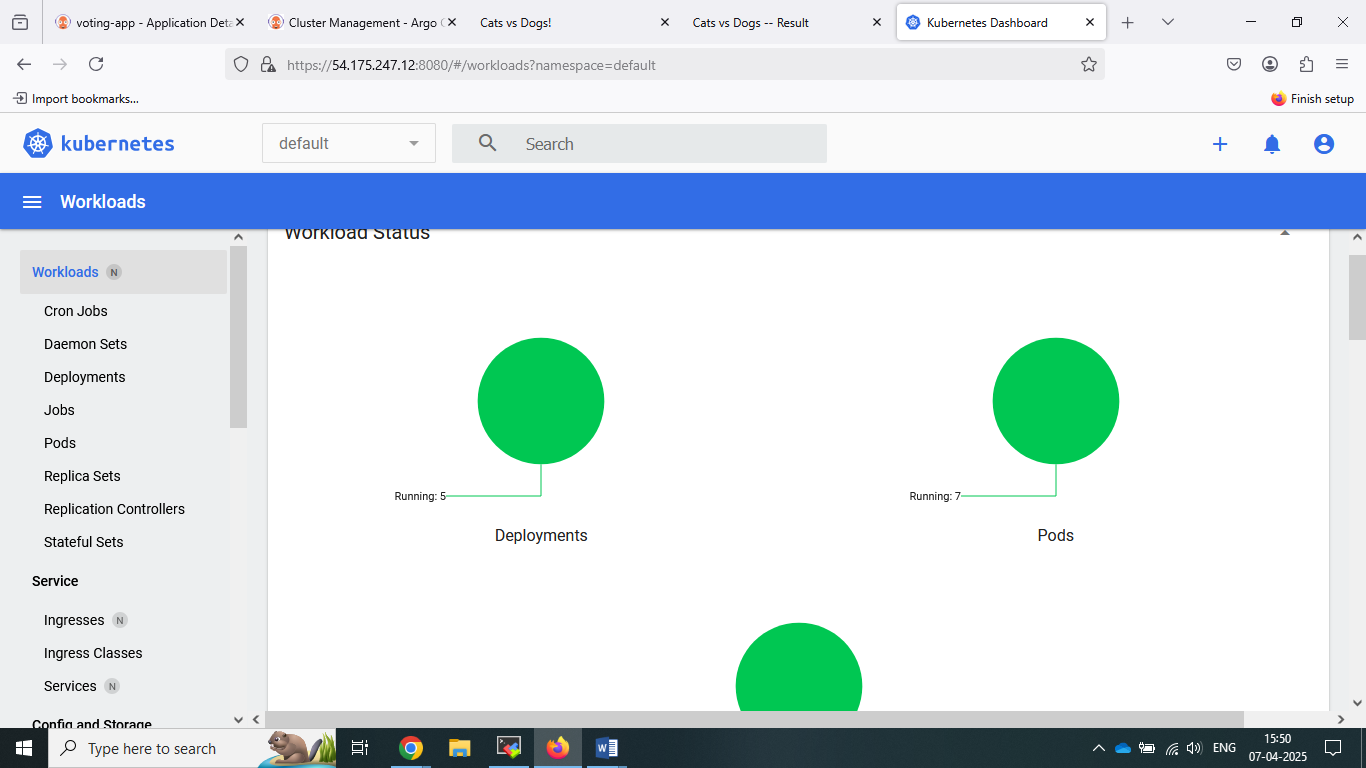












Thankyou!!!!!!