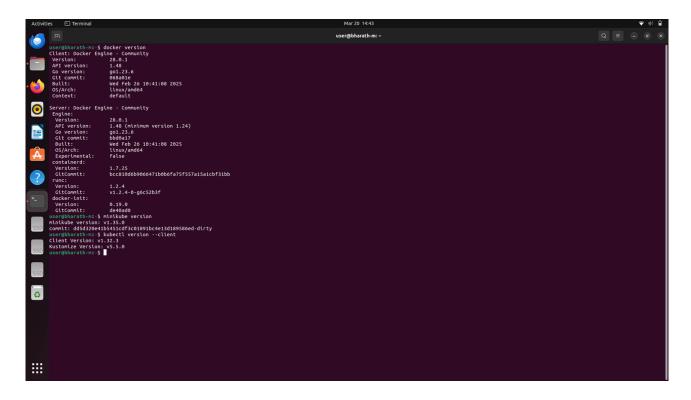
DAY - 3

Deploy an Nginx Container in Kubernetes and expose it with a NodePort Service



sudo nano nginx-deployment.yml

nginx-deployment.yml apiVersion: apps/v1 kind: Deployment

metadata:

name: nginx-login

spec: replicas: 1 selector: matchLabels: app: nginx-login template: metadata:

app: nginx-login

spec: containers:

labels:

- name: nginx-login

image: nginx:latest # Public Nginx image from Docker Hub

ports:

- containerPort: 80

apiVersion: v1 kind: Service metadata:

name: nginx-login-service

spec:

type: NodePort

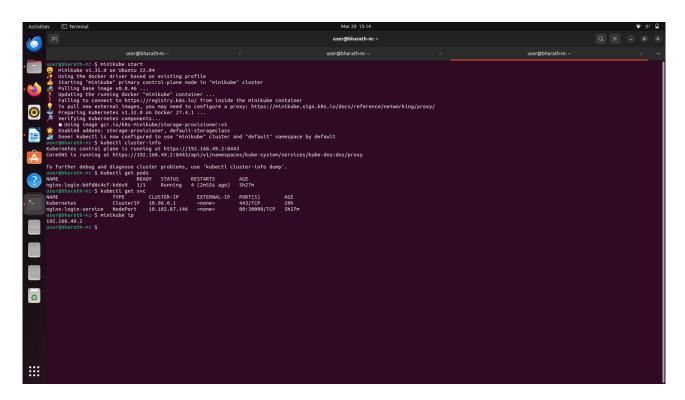
selector:

app: nginx-login

ports:

- protocol: TCP

port: 80 targetPort: 80 nodePort: 30008



kubectl apply -f nginx-deployment.yml

Check if the pods are running:

kubectl get pods

Check if the service is created:

Kubectl get svc

Find the ip:

minikube ip

