Project 1  
After pushing to ECR  
create secret

kubectl create secret generic mysql-secret \

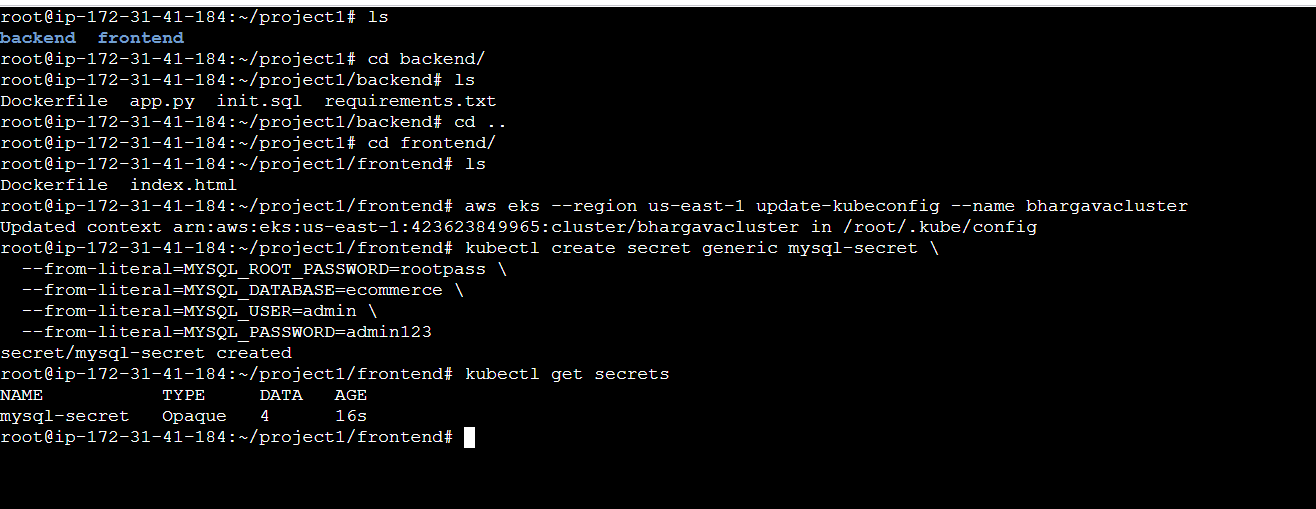
--from-literal=MYSQL\_ROOT\_PASSWORD=rootpass \

--from-literal=MYSQL\_DATABASE=ecommerce \

--from-literal=MYSQL\_USER=admin \

--from-literal=MYSQL\_PASSWORD=admin123

kubectl get secret

kubectl get secrets  


tree structure  
project1/

├── backend/

│ ├── Dockerfile

│ ├── app.py

│ ├── requirements.txt

│ ├── init.sql

│ ├── backend-deployment.yaml

│ └── backend-service.yaml

├── frontend/

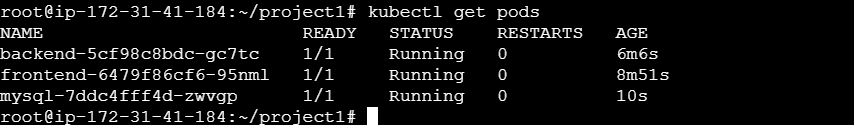
│ ├── Dockerfile

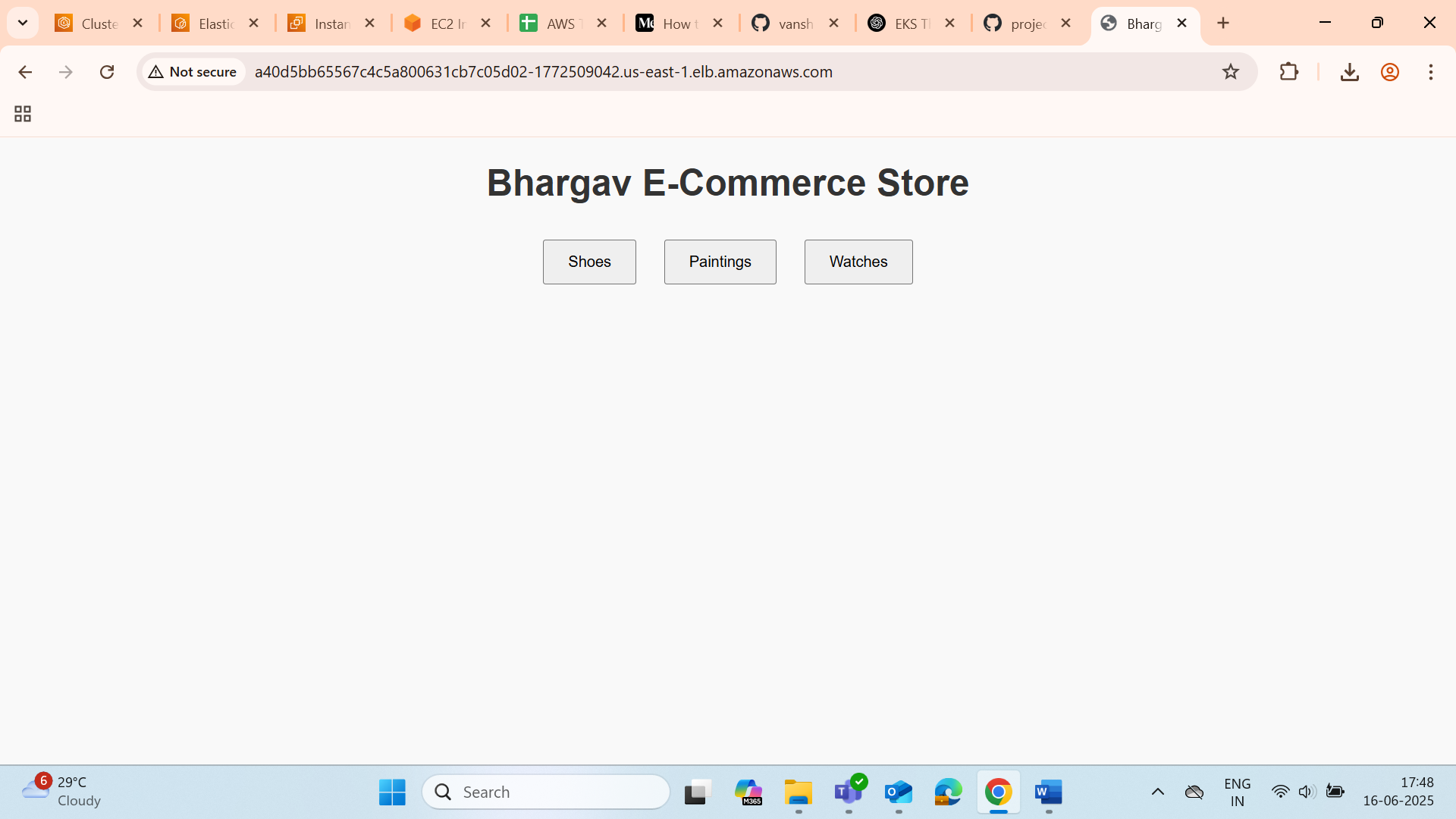
│ ├── index.html

│ ├── frontend-deployment.yaml

│ └── frontend-service.yaml

├── mysql-deployment.yaml  
apply deployment.yaml and service.yaml in all front end backend and mysql-deployment.yaml





bhargav\_ecommerce\_eks/

│

├── frontend/ # React-like static frontend

│ ├── index.html

│ ├── shoes.html

│ ├── watches.html

│ ├── paintings.html

│ ├── style.css

│ └── Dockerfile

│

├── backend/ # Django (Python) backend

│ ├── manage.py

│ ├── requirements.txt

│ ├── Dockerfile

│ └── store/

│ ├── \_\_init\_\_.py

│ ├── views.py

│ └── urls.py

│

├── mysql/ # Empty (DB managed via manifests)

│

└── k8s/ # Kubernetes manifests

├── frontend-deployment.yaml

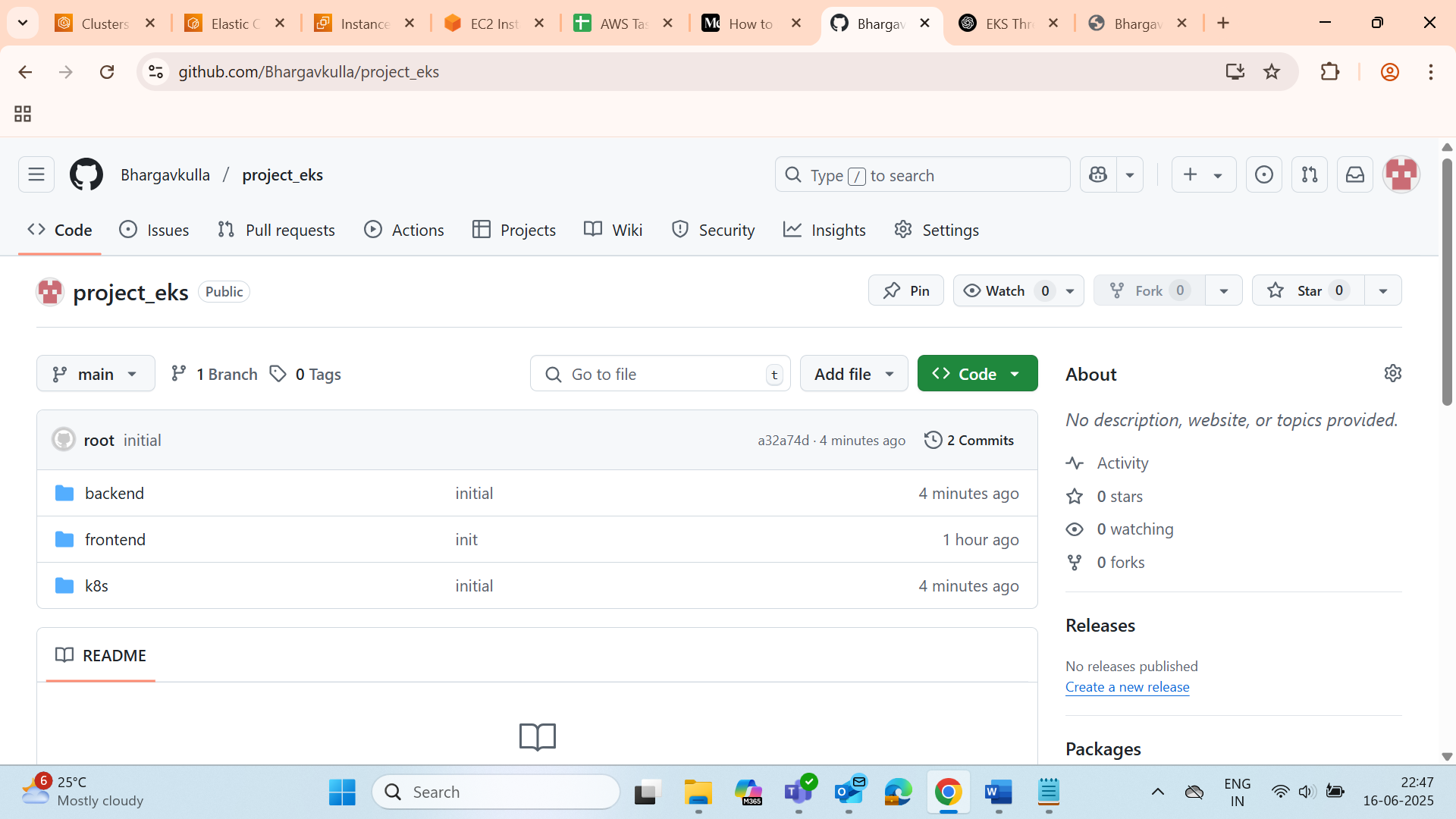
├── frontend-service.yaml

├── backend-deployment.yaml

├── backend-service.yaml

├── mysql-deployment.yaml

└── mysql-service.yaml



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