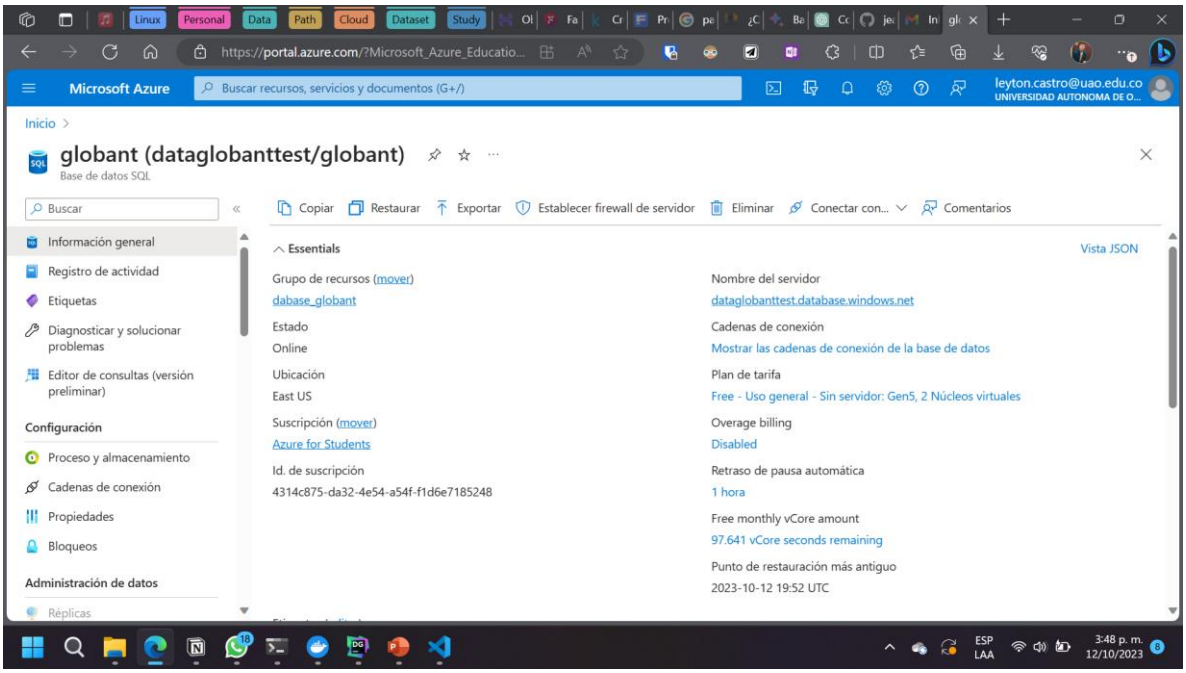
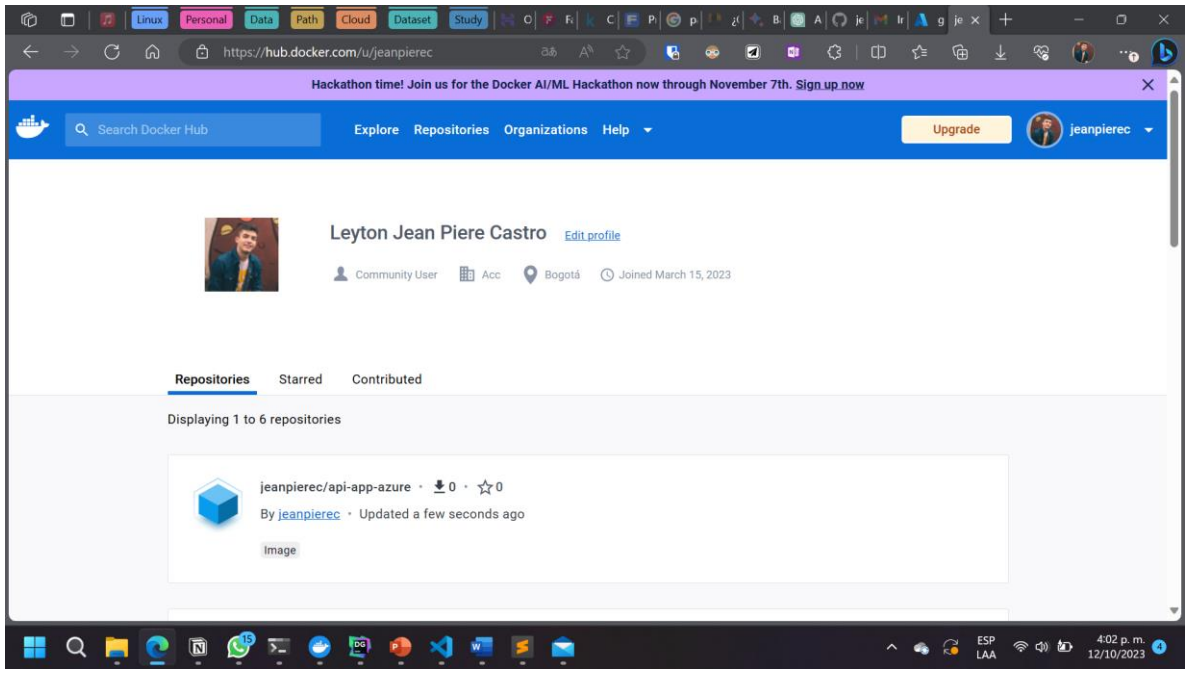
DEPLOYMENT IN AZURE

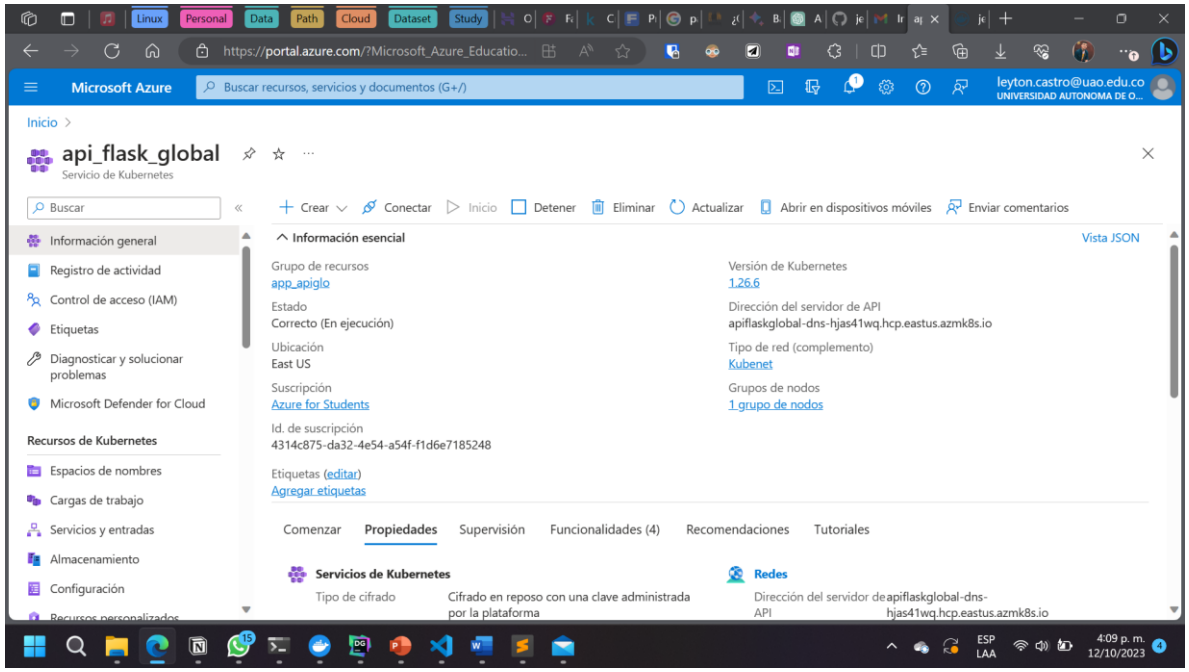
1. Create a SQL Server in Azure (MariaDB)



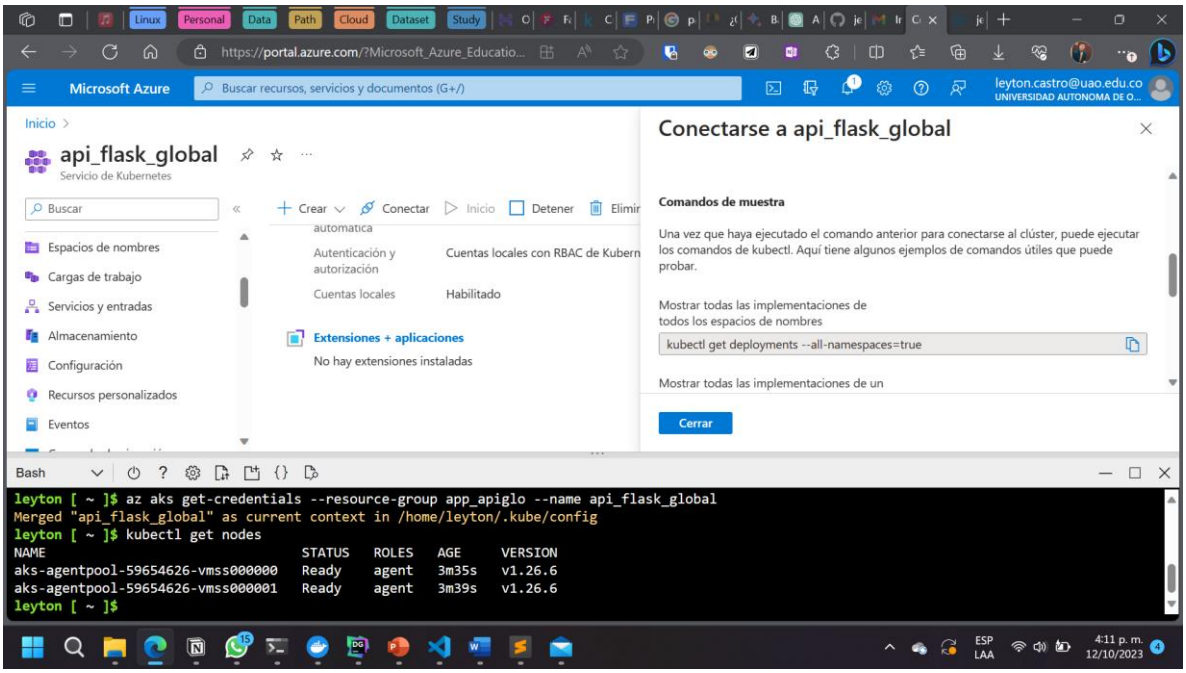
2. With the Dockerfile (see more in the GitHub repo), I created a container image in docker hub. We'll use this image for Kubernetes deployment.



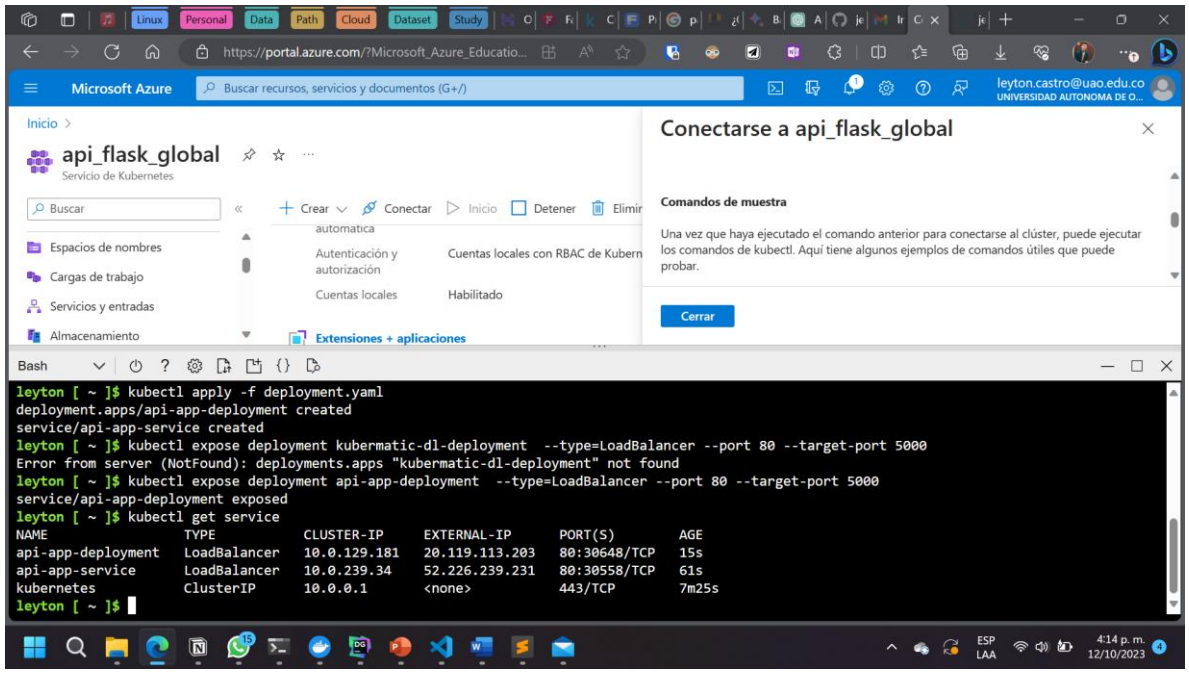
3. Now, créate a kubernetes cluster (with 2 nodes).



Now, see the nodes.



4. Use the “deployment.yaml” file to create the service and expose the service.


Microsoft Azure
Buscar recursos, servicios y documentos (G+/)
leyton.castro@uao.edu.co
UNIVERSIDAD AUTONOMA DE O...
Inicio
api_flask_global
Servicio de Kubernetes
Buscar
Crear
Conectar
Inicio
Detener
Espacios de nombres
Cargas de trabajo
Servicios y entradas
Almacenamiento
Autenticación y autorización
Cuentas locales con RBAC de Kubern
Cuentas locales
Habilitado
Extensiones + aplicaciones
Conectarse a api_flask_global
Comandos de muestra
Una vez que haya ejecutado el comando anterior para conectarse al clúster, puede ejecutar los comandos de kubectl. Aquí tiene algunos ejemplos de comandos útiles que puede probar.
Cerrar
Bash
leyton [~]$ kubectl apply -f deployment.yaml
deployment.apps/api-app-deployment created
service/api-app-service created
leyton [~]$ kubectl expose deployment kubermatic-dl-deployment --type=LoadBalancer --port 80 --target-port 5000
Error from server (NotFound): deployments.apps "kubermatic-dl-deployment" not found
leyton [~]$ kubectl expose deployment api-app-deployment --type=LoadBalancer --port 80 --target-port 5000
service/api-app-deployment exposed
leyton [~]$ kubectl get service
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
api-app-deployment LoadBalancer 10.0.129.181 20.119.113.203 80:30648/TCP 15s
api-app-service LoadBalancer 10.0.239.34 52.226.239.231 80:30558/TCP 61s
kubernetes ClusterIP 10.0.0.1 <none> 443/TCP 7m25s
leyton [~]$
ESP
LAA
4:14 p. m.
12/10/2023