Azure Container Registry

Jenkins pushes docker image to ACR

Jenkins checks out this code and builds docker image

HELM

Github

Jenkins

Text

Python Rest API uploaded to github

Deploy python-restapi with helm chart using docker image from ACR

DevOps Engineer

Azure Kubernetes Service (AKS)

Load Balancer (Provisioned via AKS)

Python API Access

https://external-ip:8080

https://external-ip:8080/time

End Users (outside AKS)