steps:

# Build and Push Docker Image to Artifact Registry

- name: 'gcr.io/cloud-builders/docker'

args:

- 'build'

- '-t'

- 'us-central1-docker.pkg.dev/upgradlabs-1738334790345/amit23comp/gke-webpage:latest'

- '.'

- name: 'gcr.io/cloud-builders/docker'

args:

- 'push'

- 'us-central1-docker.pkg.dev/upgradlabs-1738334790345/amit23comp/gke-webpage:latest'

# Get GKE credentials

- name: 'gcr.io/google.com/cloudsdktool/cloud-sdk'

args:

- 'gcloud'

- 'container'

- 'clusters'

- 'get-credentials'

- 'autopilot-cluster-1'

- '--region'

- 'us-central1'

- '--project'

- 'upgradlabs-1738334790345'

# Deploy application to GKE

- name: 'gcr.io/google.com/cloudsdktool/cloud-sdk'

args:

- 'kubectl'

- 'apply'

- '-f'

- 'k8s/deployment.yaml'

- name: 'gcr.io/google.com/cloudsdktool/cloud-sdk'

args:

- 'kubectl'

- 'apply'

- '-f'

- 'k8s/service.yaml'

# Verify deployment

- name: 'gcr.io/google.com/cloudsdktool/cloud-sdk'

args:

- 'kubectl'

- 'get'

- 'services'

- '-o'

- 'wide'

images:

- 'us-central1-docker.pkg.dev/upgradlabs-1738334790345/amit23comp/gke-webpage:latest'