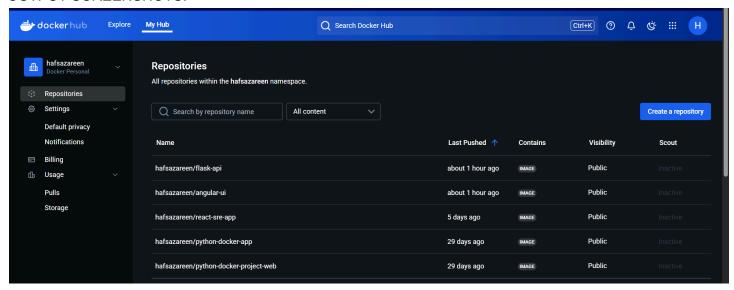
```
hafsa_027@Dell:~/sre-app/k8s/angular-ui$ kubectl -n sre-monitoring get pods
NAME
                                    READY
                                             STATUS
                                                         RESTARTS
angular-ui-7d5c5f644f-c699p
                                    0/1
                                                                          405
                                             Error
grafana-6d4895b584-rbzn4
                                    1/1
                                             Running
                                                           (16h ago)
                                                         5
                                                                          30h
                                    1/1
prometheus-798fbcbdcc-t5tld
                                             Running
                                                         2 (16h ago)
                                                                          30h
hafsa_027@Dell:~/sre-app/k8s/angular-ui$ kubectl -n sre-monitoring describe pod angular-ui-7d5c5f644f-c699p
                     angular-ui-7d5c5f644f-c699p
Name:
 vents
Type
        Reason
                               From
                 Age
                               default-scheduler
kubelet
        Scheduled
Pulled
                                              Successfully assigned sre-monitoring/angular-ui-7d5c5f644f-c699p to minikube
Successfully pulled image "hafsazareen/angular-ui:latest" in 23.542s (23.542s including waiting). Image size:
 Normal Putted
Normal Pulling
Normal Created
Normal Started
Normal Pulled
                22s (x2 over 54s)
14s (x2 over 30s)
14s (x2 over 29s)
                                              Pulling image "hafsazareen/angular-ui:latest"
Created container: angular-ui
Started container angular-ui
Successfully pulled image "hafsazareen/angular-ui:latest" in 4.315s (7.201s including waiting). Image size: 48
                               kubelet
                               kubelet
 44260 bytes.
Warning BackOff 6s
-4118-8dab-6b05ff1b6eec)
                               kubelet
                                              Back-off restarting failed container angular-ui in pod angular-ui-7d5c5f644f-c699p_sre-monitoring(lab029e0-917
   sa_027@Dell:~/sre-app/k8s/angular-ui$ kubectl -n sre-monitoring logs angular-ui-7d5c5f644f-c699p --all-containers
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: /etc/nginx/conf.d/default.conf differs from the packaged version /docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/03/25 23:53:11 [emerg] 1#1: host not found in upstream "flask-api-service" in /etc/nginx/conf.d/default.conf:12
nginx: [emerg] host not found in upstream "flask-api-service" in /etc/nginx/conf.d/default.conf:12
    rbac.yaml
                         Dockerfile
                                                 nginx.conf X
                                                                         TS polyfills.ts
                                                                                                 index.html
                                                                                                                          # styles
    angular-ui > 🌣 nginx.conf
               server
        6
        7
                     location / {
        8
                           try_files $uri $uri/ /index.html;
        9
      10
                     location /api/ {
      11
                           proxy pass http://flask-api-service.svc.cluster.local:5000/api/;
      12
      13
                           proxy_set_header Host $host;
 hafsa_027@Dell:~/sre-app$ kubectl apply -f k8s/flask-api/deployment.yaml
 deployment.apps/flask-api created
 service/flask-api-service created
 hafsa_027@Dell:~/sre-app$ kubectl -n sre-monitoring get services
NAME
                                   TYPE
                                                      CLUSTER-IP
                                                                                  EXTERNAL-IP
                                                                                                         PORT(S)
                                                                                                                           AGE
 angular-ui-service
                                   ClusterIP
                                                      10.104.2.161
                                                                                  <none>
                                                                                                         80/TCP
                                                                                                                           30h
 grafana
                                   ClusterIP
                                                                                                         3000/TCP
                                                                                                                           30h
                                                      10.96.10.237
                                                                                  <none>
                                                                                                         9090/TCP
 prometheus
                                   ClusterIP
                                                      10.105.150.221
                                                                                                                           30h
                                                                                  <none>
hafsa_027@Dell:~/sre-app$ kubectl get services -n default
NAME
                                TYPE
                                                   CLUSTER-IP
                                                                               EXTERNAL-IP
                                                                                                      PORT(S)
                                                                                                                       AGE
                                                   10.110.44.157
                                                                                                      80/TCP
backend-service
                                ClusterIP
                                                                               <none>
                                                                                                                       30h
flask-api-service
                                ClusterIP
                                                   10.109.124.104
                                                                                                      5000/TCP
                                                                                                                       42s
                                                                               <none>
frontend-service
                                ClusterIP
                                                   10.108.83.228
                                                                                                      80/TCP
                                                                                                                       31h
                                                                               <none>
kubernetes
                                ClusterIP
                                                   10.96.0.1
                                                                               <none>
                                                                                                      443/TCP
                                                                                                                       31h
```

```
nafsa_027@Dell:~/sre-app$ kubectl delete -f k8s/flask-api/deployment.yaml  # Remove old deployment
kubectl apply -f k8s/flask-api/deployment.yaml --namespace=sre-monitoring # Deploy in correct namespace deployment.apps "flask-api" deleted service "flask-api-service" deleted
deployment.apps/flask-api created
 service/flask-api-service created
 hafsa_027@Dell:~/sre-app$ kubectl get pods -n sre-monitoring | grep flask-api
 flask-api-66575bdf8f-dq95k
                                                       0/1
                                                                      ContainerCreating
                                                                                                          0
 hafsa_027@Dell:~/sre-app$ kubectl get pods -n sre-monitoring
                                                                                                          RESTARTS
 NAME
                                                       READY
                                                                      STATUS
                                                                                                                                    AGE
 angular-ui-7d5c5f644f-c699p
                                                       0/1
                                                                      CrashLoopBackOff
                                                                                                          6 (71s ago)
                                                                                                                                    8m42s
flask-api-66575bdf8f-dq95k
                                                       0/1
                                                                      ContainerCreating
                                                                                                                                    11s
grafana-6d4895b584-rbzn4
                                                                                                             (16h ago)
                                                       1/1
                                                                      Running
                                                                                                                                    30h
                                                                                                          5
prometheus-798fbcbdcc-t5tld
                                                       1/1
                                                                      Running
                                                                                                          2 (16h ago)
                                                                                                                                    30h
hafsa 02700ell:-/sre-app$ kubectl get deployment flask-api -n sre-monitoring -o yaml | grep image
{"apiVersion": "apps/v1", "kind": "Deployment", "metadata": {"annotations": {}, "labels": {"app": "flask-api"}, "name": "flask-api", "names: "flask-api", "names: "flask-api", "names: "flask-api"}, "spec": {"containers": [{"env": [{"name": "FLASK_ENV", "value": "production"}], "image": "your-dockerhub-username/flask-api: \allasst", "name": "flask-api", "ports": [{"containerPort": 5000}], "resources": {"limits": {"cpu": "0.5", "memory": "512Mi"}, "requests": {"cpu": "0.2", "memory": "256Mi"}}}}}

image: your-dockerhub-username/flask-api: latest
image: your-dockerhub-username/flask-api: latest
image: your-dockerhub-username/flask-api: latest
                                  ectl edit deployment flask-api -n sre-monitoring
 hafsa_027@Dell:~/sre-app$ kubectl edit deployment flask-api -n sre-monito
deployment.apps/flask-api edited
hafsa_027@Dell:~/sre-app$ kubectl apply -f k8s/flask-api/deployment.yaml
deployment.apps/flask-api configured
ometheus-798fbcbdcc-t5tld
```

OUTPUT SCREENSHOTS:-



Welcome to SRE Dashboard

