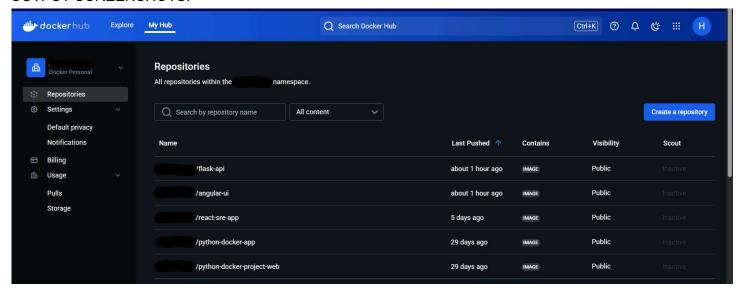
```
~/sre-app/k8s/angular-ui$ kubectl -n sre-monitoring get pods
NAME
                                   READY
                                            STATUS
                                                        RESTARTS
                                                                        AGE
                                   0/1
angular-ui-7d5c5f644f-c699p
                                                                        405
                                            Error
grafana-6d4895b584-rbzn4
                                   1/1
                                            Running
                                                        5
                                                         (16h ago)
                                                                        30h
                                   1/1
prometheus-798fbcbdcc-t5tld
                                            Running
                                                        2 (16h ago)
                                                                        30h
                 .~/sre-app/k8s/angular-ui$ kubectl -n sre-monitoring describe pod angular-ui-7d5c5f644f-c699p
Name:
                     angular-ui-7d5c5f644f-c699p
Events
Type
        Reason
                              From
        Scheduled
Pulled
                              default-scheduler
kubelet
                                            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:
      bytes.
Pulling
Created
Started
Pulled
18044260
                                            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
                22s (x2 over 54s)
14s (x2 over 30s)
14s (x2 over 29s)
                              kubelet
kubelet
kubelet
 Normal
Normal
                              kubelet
044260 bytes.
Warning BackOff 6s
1-4118-8dab-6b05ff1b6eec)
                              kubelet
                                             Back-off restarting failed container angular-ui in pod angular-ui-7d5c5f644f-c699p_sre-monitoring(lab029e0-917
                -/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
                    location / {
        7
        8
                          try_files $uri $uri/ /index.html;
        9
      10
                    location /api/ {
      11
                          proxy_pass http://flask-api-service.svc.cluster.local:5000/api/;
      12
                          proxy_set_header Host $host:
      13
                       :~/sre-app$ kubectl apply -f k8s/flask-api/deployment.yaml
deployment.apps/flask-api created
service/flask-api-service created
                       :~/sre-app$ kubectl -n sre-monitoring get services
                                                                                                      PORT(S)
NAME
                                  TYPE
                                                     CLUSTER-IP
                                                                                EXTERNAL-IP
                                                                                                                        AGE
angular-ui-service
                                  ClusterIP
                                                     10.104.2.161
                                                                                <none>
                                                                                                       80/TCP
                                                                                                                        30h
grafana
                                  ClusterIP
                                                     10.96.10.237
                                                                                                       3000/TCP
                                                                                                                        30h
                                                                                <none>
                                                                                                       9090/TCP
prometheus
                                  ClusterIP
                                                     10.105.150.221
                                                                                                                        30h
                                                                                <none>
                      .~/sre-app$ kubectl get services -n default
                               TYPE
NAME
                                                  CLUSTER-IP
                                                                             EXTERNAL-IP
                                                                                                   PORT(S)
                                                                                                                     AGE
backend-service
                               ClusterIP
                                                  10.110.44.157
                                                                                                   80/TCP
                                                                                                                     30h
                                                                             <none>
flask-api-service
                               ClusterIP
                                                  10.109.124.104
                                                                                                   5000/TCP
                                                                                                                     425
                                                                             <none>
frontend-service
                                                  10.108.83.228
                                                                                                   80/TCP
                               ClusterIP
                                                                                                                     31h
                                                                             <none>
kubernetes
                               ClusterIP
                                                  10.96.0.1
                                                                                                   443/TCP
                                                                                                                     31h
                                                                             <none>
```

```
.~/sre-app$ kubectl delete -f k8s/flask-api/deployment.yaml # Remove old deployment
kubectl appıy -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
           :~/sre-app$ kubectl get pods -n sre-monitoring | grep flask-api
flask-api-66575bdf8f-dq95k
                        0/1
                              ContainerCreating
                                              0
           .~/sre-app$ kubectl get pods -n sre-monitoring
                                              RESTARTS
NAME
                        READY
                              STATUS
                                                         AGE
angular-ui-7d5c5f644f-c699p
                        0/1
                              CrashLoopBackOff
                                              6 (71s ago)
                                                         8m42s
                        0/1
flask-api-66575bdf8f-dq95k
                              ContainerCreating
                                                         11s
grafana-6d4895b584-rbzn4
                        1/1
                              Running
                                              5 (16h ago)
                                                         30h
prometheus-798fbcbdcc-t5tld
```

OUTPUT SCREENSHOTS:-



Welcome to SRE Dashboard

```
← → C ① localhost:5000/api/metrics

Pretty print 

{
    "cpu_usage": 30.5,
    "disk_usage": 60.8,
    "memory_usage": 45.2,
    "network_io": {
        "received_bytes": 2048000,
        "sent_bytes": 1024000
    }
}
```



