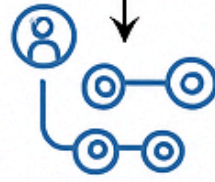
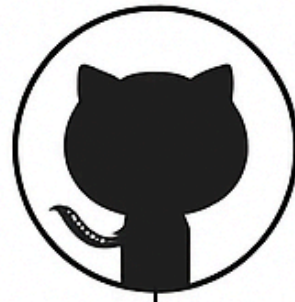


AWS Cloud



GitHub Actions

Availability Zone A

Availability Zone B

VPC

Public Subnet IP 18

Internet Gateway

Docker Build & Push

Fetch DockerHub creds from AWS

Kubernetes ELB

Docker Hub

Private Subnet IP 192.169

NAT Gateway

Auto Scaling Group

Prometheus

Grafana

node

node

node

node

Staging Namespace

Amazon EKS

Monitoring Namespace
(flask-app)
Production Namespace

HELM