

# Muhammad Ali Kahoot

## Senior DevOps Engineer & Trainer

Senior DevOps Engineer & Trainer with hands-on experience of architecting, developing, automating and optimising production grade deployments on Kubernetes or Openshift using best DevOps practices. I am CKAD, Oracle Cloud Infrastructure Architect Associate and certified in Openshift Container Platform Deployment and an avid open source contributor.

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## WORK EXPERIENCE

### Senior SRE

#### pawaPay

04/2022 - Present

Remote

##### Achievements/Tasks

- Moved manually created resources to terraform
- Created generic helm chart for all microservices
- Worked on adding monitoring, logging & alerting

### Senior DevOps Engineer

#### Tarabut Gateway

01/2021 - 04/2022

Remote

Tarabut Gateway is MENA's first and largest regulated Open Banking platform.

##### Achievements/Tasks

- Led the DevOps team, hired & mentored new Resources
- Architected & Deployed Platform Apps(Monitoring, Logging, Ingress Controllers, Cert Manager, etc) using GitOps
- Developed CI/CD pipeline workflows for almost 20-30 Microservices using Github Actions & ArgoCD
- Enabled secure communication with Bank's internal network over site-to-site VPN
- Set up Observability of the entire infrastructure & applications with 99.999% uptime

### Team Lead, DevOps Engineer

#### Stakater

04/2018 - 01/2021

Remote

Stakater offers DevOps as a Service and managed Kubernetes/Openshift clusters

##### Achievements/Tasks

- Led the team, mentored resources and grew the team almost 200%
- Closely worked in defining and implementing the architecture of Stakater & led the managed Openshift & Kubernetes offering
- Architected & deployed different deployment workflows for different applications for customers

### DevOps Trainer

#### Dice Analytics

07/2019 - Present

##### Achievements/Tasks

- Professional course of 8 weekends on DevOps using tools like Git, Github, Docker Containers, Docker Compose, Jenkins, Github Actions, Kubernetes, Helm & Terraform

### Software Engineer

#### Bentley Systems Inc.

06/2016 - 04/2018

## SKILLS

Containers

Kubernetes

Openshift

Helm

Terraform

Jenkins

Github Actions

AWS

Oracle Cloud

Golang

ArgoCD

GitOps

Prometheus

Grafana

EFK

## PERSONAL PROJECTS

Dockerized samples of different language applications

Developed a sample Golang application to demonstrate pipeline using Github Actions

Medium Blog: K8s Deployment vs StatefulSet vs Daemonset

Medium Blog: Getting Started with AWS EKS using Terraform

Blog: Introduction & Example Scenario for Sealed Secrets Controller

## ACHIEVEMENTS

CKAD - Certified Kubernetes Application Developer (07/2021 - Present)

Certified in RedHat Container Platform Deployment

Oracle Cloud Infrastructure Architect Associate (02/2022)

Medium Blog on K8s Deployment vs StatefulSet vs Daemonset has more than 156k views & 2.2k claps

Public Speaker for DevOpsCon Singapore & more than 10 bootcamps on Kubernetes

Public Speaker for Data on Kubernetes Community

Trained more than 400 resources on Kubernetes & DevOps