

# Muhammad Ali Kahoot

## Senior DevOps Engineer & Trainer

As a Senior DevOps Engineer with a strong background in Kubernetes and Openshift, I have a wealth of experience in designing, building, and optimizing production-grade deployments using best DevOps practices. I am also a part-time trainer and have trained more than 600 participants in DevOps technologies involving multiple corporate trainings. I am certified in CKA, CKAD, AWS SAA, OCI Architect Associate, and Openshift Container Platform.

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## WORK EXPERIENCE

### Senior SRE

#### pawaPay

04/2022 - Present

Remote

##### Achievements/Tasks

- Setup on-demand-env to deploy for PR testing for QA
- Created generic helm chart for all microservices to deploy on K8s
- Worked on adding observability to apps like monitoring, logging & alerting
- Handling almost 2 million requests per day with 100% uptime

### 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 250%
- 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

- Conducting Corporate Trainings and routine 8 weeks professional course on DevOps including Git, Docker, K8s, Terraform, etc

### 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

Certified in CKA, CKAD, AWS SAA, OCI Architect Associate & RedHat Openshift Deployment

Medium Blog on K8s Deployment vs StatefulSet vs Daemonset has more than 174k views & 2.4k claps

Certified Expert in Git, DevOps, Docker, K8s from Pluralsight

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

Public Speaker for Kubernetes Community Days Pakistan

Public Speaker for Data on Kubernetes Community

Trained more than 600 resources on Kubernetes & DevOps