

# Muhammad Ali Kahoot

## Lead DevOps Engineer & DevOps Trainer

I design and build scalable, secure, and resilient infrastructure with a focus on automating processes to ensure platform uptime and stability for high-performing applications. Having extensive hands-on experience, including almost 5 years in leadership roles, I specialize in production-grade, highly scalable & high available deployments on Kubernetes and OpenShift and have trained over 800 participants in DevOps technologies.

✉ kahootali@gmail.com

📄 kahootali.github.io

🐙 github.com/kahootali

📞 +92 344 553 2806

🌐 linkedin.com/in/kahootali

🗣️ medium.com/@kahootali

## WORK EXPERIENCE

### Head of Infrastructure

pawaPay, UK

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 & infra like monitoring, logging & alerting
- Handling almost 3 million transactions per day with 100% uptime

### Lead DevOps Engineer

Tarabut Gateway, UAE

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 201k views & 2.6k 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 800 resources on DevOps including Corporate trainings and teaching graduating batch of BS(CS)