

# Muhammed Anees PK

## DevOps Engineer

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Senior DevOps engineer specializing in cloud-native architectures, security integration, and infrastructure automation.

## Professional Experience

DECEMBER 2024 -

**Zbooni, Dubai, UAE** - Sr. DevOps Engineer (Remote)

DECEMBER 2023 - NOVEMBER 2024

**Zbooni, Dubai, UAE** - Freelance DevOps Consultant (Remote)

- Architected and implemented ArgoCD deployment strategy for AWS EKS Fargate.
- Modernized Kubernetes infrastructure by migrating legacy manifests to Kustomize.
- Developed automation scripts for Jenkins pipelines.
- Led comprehensive security audits of cloud infrastructure.

MAY 2020 - AUGUST 2023

**Beagle Cyber Innovations, Thiruvananthapuram, Kerala** - Sr. DevSecOps Engineer

- Engineered comprehensive DevSecOps pipelines integrating SAST (SonarQube, Snyk, Veracode) and DAST (OWASP Zap)
- Designed and deployed multi-cloud Kubernetes clusters (AWS, Azure, GCP, IBM) ensuring 99.9% uptime
- Implemented container security scanning and hardening processes for Docker and Kubernetes deployments
- Built microservice communication systems using gRPC in Python and Go
- Established centralized artifact management using JFrog Artifactory
- Deployed high-availability database clusters (Cassandra, PostgreSQL) in Kubernetes.
- Conducted security assessments including penetration testing, cloud security audits, and incident response.
- Developed RestAPI's in Python(Flask/FastAPI/Django) and NodeJS

## Consulting Projects

**iboson Innovations** | DevOps Consultant

- Successfully compiled and modified Intel WebRTC server
- Led migration of production workloads from Azure to AWS
- Implemented NodeJS API deployment pipelines in Jenkins/Github Actions for AWS EKS and Azure AKS
- Developed Helm charts for NodeJS microservice application

**ConnectONE** | DevOps Consultant

- Architected CI/CD pipelines for Java Spring Boot microservices using Bitbucket Pipelines
- Implemented GitOps workflows using Flux CD for Kubernetes deployments

**Vahmine Technologies** | DevSecOps Consultant

- Designed highly available Laravel application infrastructure on Azure and AWS
- Implemented custom auto-scaling Galera Cluster for MySQL high availability
- Conducted internal ISMS 27001 audit

## Zbooni | *DevSecOps Consultant*

- Led migration from monolithic EC2 to microservices architecture on AWS EKS Fargate
- Conducted cloud security Audits

JULY 2019 - APRIL 2020

## Appfabs, Thiruvananthapuram, Kerala - *Security Engineer*

- Conducted security assessments, vulnerability scans, and penetration testing

## Certifications

October 2020, Credential ID: 289787

**ISO 27001:2013 Lead Auditor - Information Security Certification - IRCA**

## Skills

**Cloud Platforms** - AWS, Azure, GCP, IBM Cloud, Digital Ocean, Scaleway, Linode, Hetzner

**Containerization & Orchestration** - Docker, Kubernetes(EKS, GKE, AKS, Onprem), ECS, OpenStack, OpenShift

**CI/CD Tools** - Jenkins, Github Actions, Bitbucket Pipelines, Gitlab CI, Flux CD, Argo CD

**Infrastructure as Code (IAC)** - Terraform, Ansible, CloudFormation

**Monitoring and Observability** - Prometheus, Grafana, ELK Stack, Datadog, Newrelic, Jaeger

**Scripting** - Shell Scripting, PowerShell, Perl, Groovy

**Programming** - Python, Go, Java, Node.js, GraphQL, Rust

**Databases** - MySQL, Postgres, Cassandra/ScyllaDB, MongoDB, Redis, Kafka

**Security** - Cloud Security Audit, API/Web Penetration Testing, RCA, DFIR, DAST, SAST

## Education

JULY 2015 - MAY 2018

**University College of Engineering, Thodupuzha, Kerala - B Tech, Computer Science**

JULY 2012 - MAY 2015

**SSM Polytechnic College, Tirur, Kerala - Diploma, Computer Engineering**

## Community Activities

- Board Member, [OWASP Kerala Chapter](#)
- Organizer, [GDG Cloud Trivandrum](#)
- Elite Member, Kerala Police Cyberdome