



# Mohd Zakir

DevOps Engineer

## INFO



Mohd Zakir



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<https://github.com/mohdzakir12>

## Education

Bachelor Degree in Electronics  
and Communication

## Scripting and Automation

Bash, Terraform, Golang  
CLI, GoMux API

## Clouds

AWS, Azure, GCP, VMware Cloud

## Certification

AWS Certified Solutions Architect

## Introduction

DevOps engineer with 5+ Years of hands-on experience in implementation, automation and optimization of on-prem and cloud system over large infrastructure. Proficient with fault management tools / ecosystem and can do scripting and automation with Bash, Terraform, Golang CLI, GoMux Gorilla API.

## Summary

- Good experience with Linux ecosystem especially debian and ubuntu.
- Experience with AWS / Azure / GCP cloud services.
- Experience with container system like Docker ecosystem (build/compose), Kubernetes, Microservices, REST API.
- Experience with cloud automation with Terraform.
- Experience with building and deploying large scale FCAPS system.
- Experience with applying fault management ecosystem and tools like Spiceworks, Zabbix, Zoho, Prometheus, Telegraf, Influx, Grafana, Elastic Stack, SNMP agents, Jira Service Desk, VMware Cloud.
- Proficiency in scripting languages such as Bash, Powershell, Golang CLI, GoMux API.
- Have ability to work within a team of strong analytical, problem solving and communication skill.
- Have got some experience in Database administration (primarily PostgreSQL, MySQL, Influx).

## Tools & Utilities

- Prometheus, Telegraph, Influx, Grafana, Elastic Stack, SNMPagents, Spiceworks, Zabbix, Zoho, Jira Service Desk, Kuberenetes, PostgreSQL, MySQL, SQL, Node.js.

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## Recent Engagements

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### Project – Synectiks Appkube Platform

**Description** – A SRE platform focused on Microservices cost and SLA management across clouds.

**Environment** – (AWS, Azure, GCP, Kubernetes, Docker, Terraform, Tekton, Jenkin-X, Lambda, Cloud Formation, Shell)

#### Activities Performed

- Worked on writing Terraform modules to provision highly secure configurable Kubernetes cluster across cloud.
  - Actively managed, improve, and monitor cloud infrastructure on AWS, EC2, ECS, S3, ES, RDS, LAMBDA, ROUTE53, IAM including scaling and automation.
  - Worked on collecting metrics / log / traces data via CloudWatch API, Prometheus and Telegraf agent and creating operation dashboards in Grafana.
  - Built Golang Based CLI Automation scripts to implement Kubernetes and AWS extension functionalities.
  - Worked on GoMux Gorilla framework to write REST API based on Golang framework.
  - Built and deployed Infrastructure As Code using AWS cloud formation.
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### Project – Cloud Migration & Modernization

**Customer** – Brighton Cromwell

**Specification** – Implement complete operation monitoring of Brighton Cromwell Application and Services.

**Environment** – AWS GovCloud, On-prem DC

#### Activities Performed

- Worked on setting up SLA monitoring based Telegraf, InfluxDB and Grafana for on-prem application and services.
- Worked on log collection framework using CloudWatch log agent, Logstash, beats and ElasticSearch and build log based operational dashboards in Grafana.
- Worked on setting up alert management framework to collect alert and its integration with service desk.
- Worked on setting up operation dashboards for application and services running in AWS GovCloud.

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## Recent Engagements

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### Project – Cloud Migration & Modernization

**Customer** – Forme Life

**Specification**– Migrate complete Application Life Cycle Product from GitHub to Jira

**Environment**– Jira Cloud, GitHub

#### Activities Performed

- Worked on Bash, Node.js, Json scripting to migrate the existing application data from GitHub to Jira.
- Delivered complete E2E migration and verification support.