



# Muneer Syed

DevOps Engineer

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Five years of DevOps Engineer experience in implementing infrastructure as a code and managing small to large projects from start to finish. Demonstrated track record of implementing infrastructure in such a way it can automatically scale during peak load without any downtime.

## WORK EXPERIENCE

### DevOps System Engineer

#### Nextech AR Solutions

11/2020 - Present

Canada

##### Achievements/Tasks

- Migration of infrastructure from openstack to Azure Kubernetes stack.
- Implemented custom domains setup including tls certs with autorotation using letsencrypt.
- Implemented infrastructure as a code using terraform to deploy all the resources easily.

### DevOps Engineer

#### LoginRadius

06/2019 - 10/2020

Hyderabad

##### Achievements/Tasks

- Migration of kubernetes deployment yaml to helm charts which made application deployment easy and reusable.
- Implemented service mesh architecture from scratch using istio to reduce network latency and for blue/green deployments.
- Migration of CI/CD pipelines from Azure DevOps to gitlab yaml which helped to do versioning, reproducibility and reusability.
- Automation of penetration testing on kubernetes clusters using kube-hunter tool which helped reduce security weaknesses.
- Setting up persistent storage for pod logs using AWS EFS and send those logs to sumologic using fluentd.

### DevOps Engineer

#### Unwired Labs India Pvt Ltd

04/2016 - 06/2019

Hyderabad

##### Achievements/Tasks

- Built a script to encrypt linux containers using ecrypts with the help of mountecryptsroot hooks.
- Configured the infrastructure for high availability of services by using Route53 and Cloudflare CNAME flattening service.
- Optimizing Kernel and Network Tuning so that the server can handle more requests.
- Deployed elasticsearch in k8 with replicas to maintain high availability of database.
- Configured master-slave replication in MYSQL to maintain same data across all servers in order to alleviate system failures.
- Load testing using Gatling by writing scala scripts, based on the reports performance of the application is determined.

## SKILLS

Kubernetes

Azure

Aws

Helm

Istio

Fluentd

Elasticsearch

Shell Scripting

Docker

Lxc

Datadog

Gitlab CI/CD

Azure DevOps

Nginx

Haproxy

Envoy

Python

Mysql

Terraform

Ansible

## EDUCATION

### Bachelor's Degree

#### Acharya Nagarjuna University

2011 - 2015

##### Courses

- Computer Science Engineering

### Intermediate

#### Navodaya Junior College

2009 - 2011

##### Courses

- Mathematics, Physics and Chemistry

## LANGUAGES

English



Hindi



Telugu



## INTERESTS

I have always been fascinated by networking and security.

Listening to podcasts