

Sharif Mohammad

Senior DevOps Engineer

IT Specialist with 6.5 years of extensive experience in DevOps, Kubernetes, Automation, Cloud Computing and Operating System (administration and networking). Good communication, interpersonal skills, quick learner, possess strong problem solving and analytical skills.

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Skills

AWS (EC2, IAM, Security Groups, ASG & ELB, Route53, VPC, Storage(S3, EFS, EBS))

Kubernetes (On-premise & managed(EKS), Kubernetes specialist)

Docker (Dockerfile, Container, Repository(open source, ECR))

Terraform (Infrastructure as Code - AWS)

CICD (Jenkins, Codebuild, Github Actions)

Scripting Language (Bash Shell - Intermediate, Python - Basic)

Monitoring & Logging (Cloudwatch, Elasticsearch, Prometheus)

OS (Redhat Linux, Ubuntu)

Tools (Helm, Rancher, Ansible, Github)

Certifications

- ☐ Certified Kubernetes Administrator (**CKA**), 2020-2023
 - ☐ Certified Kubernetes Application Developer(**CKAD**),2020-2023
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Education

Dr. B. C. Roy Engineering College (WBUT) / Bachelor of Technology
2009 - 2013, DURGAPUR

Bachelors in Electronics and Communication Engineering (B. Tech)

Professional Experience

EF Education First / Senior DevOps Engineer
AUGUST 2019 - PRESENT, BANGALORE

- ☐ Working on the CICD pipeline for application deployments on EKS/ECS clusters.
- ☐ Automating EKS cluster creation using terraform configuration.
- ☐ Created Rancher HA for management EKS clusters across all EF AWS accounts.
- ☐ Working with AWS services and managing them Terraform.
- ☐ Logging (ELK/Cloudwatch) and Monitoring setup (Prometheus/Cloudwatch) for Kubernetes cluster/containers.
- ☐ ALB & Nginx Ingress Controller for Kubernetes.
- ☐ Work together with the Developer to create Dockerfile.

Netskope Inc. / Member of Technical Staff (DevOps Engineer)
APRIL 2017 - AUGUST 2019, BANGALORE

- ❑ Provisioning/setup of cluster on multi environment and ansible playbooks for stack deployment & system upgradation.
- ❑ Set up and installation of physical box, network configuration, and filesystem creation are part of my job activity.
- ❑ Manually created services like VIP(keepalived), LB(haproxy) setup, Glusterfs, Mongo shard configuration.
- ❑ Making changes in Switch, Vyatta, Meraki, Infoblox; networking creation, modification, and updation. All of these tasks helped to gain more knowledge on cloud networking and security.
- ❑ As the Linux administrator, responsible for managing system updates and environment changes in concert with our developers and oversaw the transition from a traditional hardware infrastructure setup to a hosted private cloud solution.

IBM India Pvt. Ltd / Application Consultant (DevOps Engineer)
JUNE 2014 - MARCH 2017, BANGALORE

- ❑ Worked on creating DevOps for Docker and Docker for DevOps environment using Jenkins (Docker image building), Github (Source repository), Persistent storage(NFS), NewRelic (Monitoring), Docker trusted repository (Storing docker images) and similar open-source tools.
- ❑ Experience in handling Docker support team for Marriott International project.
- ❑ Jenkins pipeline creation for container deployment.
- ❑ Linux system administration for application and system troubleshooting.
- ❑ As a part of the R&D team a lot of POC for docker container related open source tools.