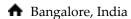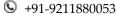# Aakash

🏠 Bangalore, India

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in www.linkedin.com/in/ethicalaakash/

SUMMARY

DevOps engineer with 7+ years of experience with a demonstrated history of working in the information technology industry. Skilled in Cloud native technologies, Kubernetes, Docker, Terraform, helm, IstioMesh, Ansible, Kong.

TECHNICAL SKILLS:

Orchestration tool	:Kubernetes, Terraform, Ansible
Service Mesh	:Istio
Monitoring Tool	:Prometheus, Grafana, Consul
Container Runtime	:Docker
Operating Systems	:Linux, macOS, Windows
Version Control Tool	:Git
CI/CD Tool	:Drone CI, GitHub Actions, ArgoCD, Jenkins, Jfrog
Big Data	:Hadoop, Elasticsearch
DataBase	:Postgresql, MySql
Cloud	:AWS, Azure
Scripting Languages	:Unix Shell Scripting, Python
Miscellaneous	:Distributed Computing, System Security

WORK EXPERIENCE:

StockX, Bangalore
Tech Lead - Platform Engineering
September 2022 - Present

Being the first member of the Platform Engineering team in India, I'm responsible for building and operating foundational components which enable engineering teams to rapidly deliver robust, production-ready services.

• Initiated cost optimization project to efficiently use cloud resources and bring down infrastructure cost.

• Developed a custom kubernetes validatingWebhook to allow images from trusted sources.

Zeta Suite, Bangalore
Senior DevOps Engineer
June 2021 - September 2022

• Designed, Implemented a Demilitarized zone to handle public traffic.

• Managed multiple production and non-production kubernetes clusters.

• Worked on terraform modules to standardize and automate infrastructure provisioning.

• Managed Kong API gateway and enhanced kong plugins.

• Managed multiple incidents, provided RCA and worked on Incident Action Items.

• Worked on standardizing helm charts to deploy applications in kubernetes.

• Worked on Fluentd parsers to parse custom log formats.

• Implemented Kuberhealthy for running functional checks.

MeshDynamics(Acquired by Google), Bangalore
DevOps Engineer
March 2019 - June 2021

Being the first employee of the company, I was responsible for setting up Devops practices, architecting infrastructure and ensuring that services are up and running with minimal downtime.

• Leading DevOps processes inside organisation.

• Designed and implemented, self managed Kubernetes cluster on AWS.

• Implemented Istio for service mesh.

• Designed, Implemented and Maintained CI/CD pipelines, using Drone CI and Github Actions.

• Setting up EFK(Elasticsearch, fluentd, kibana) for high volume cluster level log processing on kubernetes.

• Worked on improving Automated test and stimulation framework.

• Worked on Prometheus and grafana to setup cluster level monitoring.

• Write clean, well-documented and resilient code.

Fybr Technology Private Limited, Bangalore
SysOps Engineer
Jan 2016 - Feb 2019

Responsible for provisioning, monitoring and maintaining servers, applications, platform health, proactively identifying issues.

• Worked on various terraform templates for provisioning immutable infrastructure and management on AWS.

• Written various Vagrant Scripts to setup development environments.

• Drafted Ansible playbooks for setup and provisioning of a highly available Hadoop cluster in production environment.

• Setting up consul in the production environment for an efficient service discovery and service health check.

• Worked towards high-degree identity protection for the deployed infrastructure via Vault.

CERTIFICATIONS:

Certified Kubernetes Administrator - Cloud Native Computing Foundation

EDUCATION:

Bachelor of Technology (Computer Science)
Deenbandhu Chotu Ram University Of Science & Technology,Murthal