

# Yousaf K H

## DevOps Engineer



Resourceful DevOps Engineer with 4+ years of hands-on experience in Linux, AWS Operations, Deployments of Micro service applications and Developing CI/CD pipelines. Seeking a challenging position in an esteemed organization where my skills and knowledge can be improved and utilized effectively in order to contribute to the growth of the company.

## Personal Info

### Address

Thrissur, Kerala, India  
Pin: 679532

### DOB

February 3<sup>rd</sup>, 1997

### Phone

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### E-mail

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### Skype

yousaf.k.hamza

### LinkedIn

[linkedin.com/in/yousafkhamza](https://www.linkedin.com/in/yousafkhamza)

### GitHub

[github.com/yousafkhamza](https://github.com/yousafkhamza)

### Website

<https://yousafkhamza.online/>

## Achievements

- AWS Certified Solutions Architect – Associate  
(ID: HBBNPKGJM2141MGH)
- LFS169: Introduction to GitOps  
(ID: LF-jxy3zh8227)
- Oracle Cloud Infrastructure Foundations Certified Associate  
(ID: 7935644OCIBF2021)

## Skills

### AWS:

ECS, Elastic Beanstalk, Kinesis, IAM, EC2, EBS, ELB, S3, EFS, VPC, RDS, Glue, Lambda Functions, Autoscaling, Route53

## Work History

2021-08 -  
Present

### DevOps Engineer – Qunatiphi, Trivandrum

- Designed and implemented web application updates and upgrades, monitoring performance to eliminate errors.
- Measured software performance using pre-agreed metrics.
- Wrote maintenance procedures for software to help users and administrators get the most from designs.
- Handled configuration management using best-suited software tools, including Terraform, and CloudFormation.
- Maintained advanced security measures to protect user assets, safeguarding the integrity of confidential data.
- Build Elastic Beanstalk environments through CI/CD.
- Build Python based AWS Lambda Functions for automation.
- Managing AWS Billing and Cost explorer with best practices.

2020-06 -  
2021-08

### System Engineer (Cloud) - Armia Systems, Kochi

- Implemented CI/CD for applications based on DevOps Best practices.
- Designed DevOps infrastructure from scratch for 3 product lines.
- Built CI/CD pipelines using Jenkins, AWS Codepipeline, Gitlab CI.
- Implemented Infrastructure As Code (IaC) using Terraform templates
- Eliminated extended downtime of the server network and processes by installing and configuring a Nagios server to monitor client servers.
- Fixed issues like spamming, Phishing Attempts, Network Security Attacks, Denial of Service, Botnet Attacks, etc, and provided server security.

**Configuration Tools/IAC:**

Ansible, Terraform,  
CloudFormation

**Scripting:**

Python(Intermediate),Bash,

**Containerization:**

Docker, K8s

**CI/CD:**

Jenkins , Codepipeline, GitHub  
Actions, Concourse CI

**Monitoring tools:**

Nagios, AWS Cloudwatch,  
Grafana, Prometheus

**Web Servers:**

Apache, Nginx

**Firewalls:**

CSF, IPTABLES, UFW, Windows  
Firewall

**OS:**

Linux, Ubuntu, Kali Linux,  
Windows

**Other:**

Atlassian Tools

2018-08 -  
2020-02

**Systems Engineer – Activelobby IS, Kochi**

- Managed AWS cloud Infrastructure.
- Automated tasks using Ansible
- Analysed client requirements and built cost effective, highly available and scalable server architecture in AWS Cloud.
- Created Lambda functions using Python and boto3 for managing AWS resources.
- Provided L2 support to multiple clients through various support Desks.
- Setup monitoring tools like Nagios and Amazon CloudWatch
- Optimizing and securing the production servers by using Iptables, CSF, UFW and tweaking the kernel parameters.
- Managed VPS, Dedicated and shared servers
- Managed Internal Network, AD, Firewall etc Using FortiGate.

2018-06 -  
2018-08

**Linux Administrator Intern - Clado Solutions, Kochi**

- Installed OS(RHEL and Centos 6,7) on the servers and VM's, set up of working environment.
- Managed users and groups and assigning file access privileges, ACL, as per the requirement.
- Experience in Package management using RPM,YUM.
- Configured and managed Linux Virtual Machines.
- Setup LAMP servers in different flavours of Linux OS.

## Education

2014-06 -  
2018-06

**Bachelor of Technology: Computer Science**

North East Frontier Technical University CGPA: 6.93

2012-06 -  
2014-06

**VHSE: Computer Science**

GVHSS Desamangalam Percentage: 67%

2011-03 -  
2012-03

**SSLC**

GVHSS Desamangalam Percentage: 63%