

# MOHAMMAD ALTAF

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## OBJECTIVE

Seeking for a challenging position as a Software Engineer. The ideal profile will help me leverage my knowledge and technical skills. The ideal place will be an organization where I can continue to learn, sharpen my skills while adding value to the organization. The ideal team will be a group of motivated people helping and sharing knowledge with each other with the objective of increasing the competitiveness of the organization.



## EDUCATION

**DEGREE (B.COM COMPUTERS) | KALINGA UNIVERSITY**

2017 - 2020

CGPA- 7.0

EQUIVALENT PERCENTAGE- 65%

**INTERMEDIATE | GOWTAMI JUNIOR COLLEGE**

2015 – 2017

EQUIVALENT PERCENTAGE- 78%

**HIGH SCHOOL| KRISHNAVENI TALENT SCHOOL**

2015

CGPA-8.0



## TECHNICAL SKILLS

Operating Systems	Linux, Windows
Virtualization	Vagrant
Scripting Languages	Shell Scripting, Python
Containerization Tools	Docker, Kubernetes
Configuration Management Tool	Ansible
Cloud Platform	Amazon Web Services (AWS)
Version Control Tool	GIT
Build Software	Maven
Continuous Integration Tool	Jenkins
Web/App Server	Apache Tomcat (8)
Database	MySQL, RDS



# DEVOPS ENGINEER ROLES

## AWS TASKS:

- Managing Ec2 Instances, EIP, Network Interfaces, Security & Key Pairs
- Managing EBS Volumes, AMI & Snapshots (Backup & Restore)
- Setup & Managing Elastic Load Balancers, ACM & Auto scaling Groups
- Setting & Managing Cloud watch Alarms on metrics from Ec2 & ELB.
- Creating & Managing RDS Instances, RDS Snapshots
- AWS CLI for any AWS Tasks

## Cloud Migration using Lift & Shift Strategy on AWS, Services using

- VPC, Ec2, S3, Application Load Balancer, Route53 & Cloud Front CDN
- IAM to give secure access to AWS account using MFA
- Tightly controlled Security Group for firewall rules of EC2
- EBS volume for storage on Ec2, Snapshot for Backups of EBS
- Auto scaling for Automatic scaling of Ec2 instance based on CPU usage

## Modernization on AWS Cloud, Services used

- Beanstalk for PAAS for Tomcat Web App
- RDS for MySQL Database,
- Object storage S3 to store and retrieve files
- Route53 for Private & Public Hosted zones/Records
- Amazon MQ for fully managed RabbitMQ,
- ElastiCache for in memory datastore in cloud,
- Monitoring with CloudWatch,
- Notification using SNS.

## Continuous Delivery of Java Web Application

- **CICD** Pipeline using **Jenkins**, Git, Maven, Nexus ,S3 & SonarQube
- Deploying Artifact to **Beanstalk** from **Jenkins**
- Jenkins Pipeline As A Code for CICD
- Jenkins Master/Slave setup

## Configuration Management using Ansible

- Ansible AdHoc commands to execute remote tasks
- Ansible playbook for Service/Server Deployments
- Ansible playbook to setup VPC & Bastion Host on AWS
- Writing our own configuration file (ansible.cfg)
- Ansible Roles for modular & reusable automation framework

## Kubernetes

- Creating Production grade K8s cluster using **Kops**
- Hosting Containerized Application on K8s cluster using Pod, Service, Replication Controller, Deployment, Secrets & ConfigMap.



## SOFT SKILLS

- Leadership
- Patience
- Adaptability
- Willingness to learn.



## LANGUAGES

- **English**-Speak, Read and write with standard proficiency.
- **Urdu**-Native language
- **Hindi**- Speak, Read and write with standard proficiency.
- **Telugu**- Speak, Read and write with standard proficiency.



## HOBBIES

- **Playing Cricket.**
- **Watching Movies.**
- **Reading books.**

## PERSONAL PARTICULARS:

- FULL NAME : Mohammad Altaf
- FATHER'S NAME : Mohammed Maqbool
- D.O.B : 11<sup>TH</sup> August 1999
- GENDER : MALE
- MARITAL STATUS : UN-MARRIED
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