

**RAJASEKHAR P**

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### **PROFILE-SUMMARY**

Reliability Engineer with 3 years of hands-on experience in deploying and maintaining cloud infrastructure in AWS and on-premises servers

### **Key Responsibilities**

- IT Professional with extensive experience in Software Configuration Management, Change Management and DevOps Methodologies.
- Have strong knowledge of automating build & deployments into various release environments like Dev, QA, and Production using Jenkins
- Experience on different Source control systems like Git and Atlassian stash
- Hands on experience with Maven build tool for writing pom.xml files respectively
- Experience in using Nexus and Artifactory Repository Managers for Maven builds
- Experience on build and deploy Java web applications in Apache Tomcat Server, JBoss, WAS and troubleshooting the build and deploy failures
- Experience of webservers Apache & Nginx and configured SSL certificates.
- Experience of Integration webserver to application server
- Good Knowledge on scheduling jobs using Crontab scheduler
- upgrade apache and apache tomcat with new versions
- Hands-on expertise in DevOps/Continuous Integration – Continuous Deployment tool like Jenkins.
- Having Experience in creating Custom Docker images using Docker file and Knowledge over Docker Networking.
- Experience on Writing Docker file and building Docker images
- Having good experience on Ansible as configuration management tool
- Experience in Kubernetes, Docker container management and orchestration to host applications and implement CI/CD process for k8s, Docker
- Provisioning and Managing infrastructure in Environment using AWS
- Closely worked with development, QA and other teams to ensure automated test efforts
- Having Experience on Monitor Tools Data dog, Splunk, Hp-sitescope
- Supporting Production release and troubleshooting issues

## Technical Skills

<b>AWS</b>	VPC, CloudFormation, S3, Lambda, EC2, Systems Manager, RDS, IAM Cloud Watch, Route53, Opsworks
<b>Ticketing tools</b>	Service-Now , Jira
<b>Application Servers</b>	Httpd, Nginx, IIS, Apache-Tomcat, JBoss, WAS
<b>SCM/Build Tools</b>	GIT, Atlassian Stash, Maven, Jenkins
<b>Operating-system</b>	Linux, Windows
<b>Containerisation Tools</b>	Docker, Kubernetes
<b>Configuration Management Tools</b>	Chef, Ansible
<b>Storage Tools</b>	Nexus , JFrog
<b>Scripting</b>	Shell Script , Python
<b>Security/Monitoring Tools</b>	Splunk, DataDog, SiteScope, Site24x7, Signal Science, Prometheus.

## EDUCATION

- M.Tech From JNTU Anantapur (2018)

## EXPERIENCE

### **SRE & DEVOPS ENGINEER**, THERMOFISHER SCIENTIFIC

- Create and maintaining cloud infrastructure using IaaS – CloudFormation template
- Configure Monitoring alerts for applications and servers using AWS-Lambda and CloudWatch
- Creating Continuous Delivery pipelines in Jenkins and integrating them with Code Deployment
- Troubleshoot and fix Application, OS related issues in QA, Stage and Production
- Decommissioning of servers and follow-up required teams in sunset of applications
- Managing SSL certificates, load balancing and horizontal scaling in environment.
- Support releases of applications in production as well maintain and monitor the health of application
- Supporting Quarterly patching of servers
- Working on Multiple AWS instances, using AMIs, Elastic Load Balancers with Auto scaling groups to design cost effective, fault tolerant and highly available systems
- Automated CI/CD Pipeline for Apache deployment using Jenkins and groovy
- User stories and Tasks management and code reviews using JIRA

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- Every day checking health status of All production servers.
- Automated the Build process using Jenkins jobs and troubleshooting
- Upgrade web applications versions like apache, Tomcat
- Supporting Production release and troubleshooting issues.
- Working on Hybris upgradation and configurations.
- Creating maintenance tickets disable the Alerts (work with maintenance team)
- Working on corporate site (Rewrite-rules)
- Created private cloud using Kubernetes that supports DEV, QA, and PROD environments
- Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes.
- Responsible for installation & configuration of Jenkins to support various Java builds and Jenkins plugins to automate continuous builds and publishing Docker images to the Nexus repository.
- Troubleshooting Jenkins, Docker, and Kubernetes
- In-depth knowledge in Bash Shell Scripting and CRON job automation
- Supporting Thermofisher and Fishersci production release.

### Declaration

I hereby declare that the above-mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned.

Date:

Place: Bangalore

RAJASEKHAR