

**Rama Krishna**

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### **PROFESSIONAL SUMMARY:**

Highly motivated and dedicated individual seeking an environment that encourages continuous learning and provides exposure to new ideas, personal and professional growth in the area of **Cloud, AWS Configuration Management, Build, Release and Deployment Management.**

- Having total 3+ Years of IT experience as a Cloud Engineer,AWS, DevOps Engineer,Build, Release Engineer role in the field of Software Configuration Management Linux.
- Understanding the client environment, Administrating and creating solutions using AWS services, TERRAFORM, ANSIBLE, CI/CD , GIT, DOCKERS, KUBERNETES .
- Configuring Jenkins job with related plug-in for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI CD.
- Hands on experience in automating CI & CD pipeline using Jenkins files.
- Configuring Services & applications using Ansible playbooks.
- Experience with Amazon Web services Creating, configuring and Managing EC2, IAM, S3, ELB services across AWS Zone.
- Experience in using version control tools like GIT & GITHUB, BIT BUCKET.
- Hands on Experience on installation of application services: HTTPD, Tomcat, nginx and write Automation scripts for configure nginx, Apache Tomcat.
- Versioning and Artifactory Repository Management. Keeping track of all builds and versioning the builds for backup strategy.
- Perform deployments to multiple environments like Dev, QA and UAT environments.
- Experience in containerization tools like Dockers and building Docker Images using Docker files.
- Experience with configuration tools. To create, change, and improve infrastructure as code – Terraform.
- design, implementation, troubleshooting, and managing of Amazon Cloud Services.
- Adaptive to Cloud Strategies based on AWS (Amazon Web Services).
- Technical knowledge on EC2, IAM, S3, VPC. Excellent exposure on Provisioning Systems,
- Automated Build Platforms. Practical usage of Amazon Glacier for archiving data.
- Monitoring resources, such as Amazon DB Services, CPU Memory, EBS volumes.

### **ACADEMIC QUALIFICATIONS**

**Gitantanjali E/M High School with 75% from Podili 2012**

**Intermediate in MPC with 86% from Sri Gayatri Junior College Vijayawada 2012-2014**

**B-Tech in ECE Electronics and Communication Engineering with 79.9% from Bharath University Chennai 2014-2018**

## **TECHNICAL SKILLS & LANGUAGES**

AWS, Azure, Github, Terraform, Maven, Sonarqube, Nexus, Jenkins Pipeline with Groovy, Shell Script(Bash), Python, Datadog, Splunk, Ansible, Packer, Terraform, Vault, Docker, Kubernetes, Migration Skills, Apache Tomcat, Jboss, Jira, Confluence, AWS(EC2, S3, IAM, RDS, EBS, Elastic load balancer, Auto Scaling groups, Cloud Watch, VPN, Route 53, AWS Device farm, Code Commit, Rabbit MQ, Lambda, Beanstalk and Cloud Formation)

## **PROFESSIONAL HISTORY:**

**DevOps Engineer in Zensar. from May 2018 to Present. Hyderabad Cloud Roles &**

## **Responsibilities:**

- Setup and build AWS infrastructure various resources (AMI, VPC EC2, S3, IAM, EBS, SecurityGroup, Auto Scaling, RDS) using Packer and Terraform JSON templates.
- Working on AWS services (S3, EC2, ELB, EBS, Route53, VPC, Autoscaling, etc.) and deploymentservices (Lambda, and Cloud Formation) and security practices (IAM, logging/Cloudwatch and Cloudtrail) and RDS, DynamoDB(NoSQL), Beanstalk, CloudFront, ECS, SQS, SNS, and SES.
- Working on version control system tools BitBucket and GIT and having strong knowledge onsource control concepts like Branches, Masters, Merges, and Tags.
- Build Pipeline design and optimization: GIT, Maven, Nexus/Artifactory, Application servers,and AWS for J2EE application deployments.
- Provides additional debugging support to the project team during development,production, and enhancement work.
- Using Red Hat Satellite to deploy and manage Red Hat Enterprise Linux (RHEL) hosts in Cloud.
- Automated Performance Tests using Jenkins in Continuous Integration Environments for JMeter,BlazeMeter, and HP Performance Center.
- Using Datadog to monitor cloud-scale applications, bringing together data from servers,databases, tools, and services to present a unified view of an entire stack.
- Configure Splunk on each AWS node and use this monitoring tool to quickly search for Applicationlogs from the servers in the cloud for debugging.

- Execute Ansible playbooks and Packer/Terraform for virtual and physical instance provisioning, configuration management, patchings, and software deployment.
- Integrated Jenkins with BitBucket Stash private repositories, build Automation tools (Maven and Ant), and Artifact repository for pushing successful build code.
- Schedule, monitor and deliver the builds and deployments to the QA and Dev Teams.
- Creating fully automated CI build and deployment infrastructure and processes using Jenkins Multibranch Pipeline with Groovy script.
- Written Packer, terraform scripts to deploy the java-based packages like war, jar, ear, and J2EE on the Mule ESB, Tomcat, Weblogic, and JBoss Application servers which run on AWS.
- Good Knowledge of containerization. Use of Docker to manage microservices for development and testing.
- Developing Docker images to support Development and Testing Teams and their pipelines
- Deployments to multiple servers in testing and production environments using Jenkins, Git, Ansible, and Docker.
- Configuration Management of 600+ servers in AWS cloud with Ansible and Git.
- Worked with Ansible playbooks for virtual and physical instance provisioning, configuration management, patching, and software deployment.
- Raising a request through Jira whenever necessary
- Experience with Splunk and CloudWatch administration tools.
- Automated the cloud deployments using Ansible, python, and AWS CloudFormation Templates.
- Setup and build AWS infrastructure various resources (VPC EC2, S3, IAM, EBS, SecurityGroup, Auto Scaling, RDS) in Cloud Formation JSON templates.

### Devops Roles & Responsibilities :

- Worked as a DevOps Engineer for a team that involved three different development teams and multiple simultaneous software releases.
- Good experience in working with a team together to deliver the best outputs in given time frames.
- Supported the application in production and worked closely with off-shore teams.
- Developed and implemented software release management strategies for various applications according to the agile process.
- Responsible for installing Jenkins master and slave nodes.
- Configure **Git** with Jenkins and schedule jobs using the POLL SCM option.
- Managed Sonatype Nexus repositories to download the artifacts during the build.
- As Part of the core **DevOps** team, responsible for developing playbooks in **Ansible**.
- Used Ansible Playbooks to automate the deployment process.

- Writing Ansible Playbooks and creating roles for scalability and reusability to provision the infrastructure.
- Integrated **SonarQube** with **Jenkins** for continuous inspection of code quality
- Assisted end-to-end release process from the planning of release content through to actual release deployment to production.
- Deployed the build artifacts into environments like QA, UAT, and production according to the build life cycle.
- Automated the build and release management process including monitoring changes between releases.
- Configure, monitor, and automate **Amazon Web Services**.
- Created and managed CentOS and Linux based AMIs
- Setup Elastic Load Balancer for distributing traffic among multiple servers.
- Involved in deploying the content cloud platform on Amazon Web Services using EC2, S3, and EBS.