

## **Ramesh Jagarapu**

Email: kumarramesh401@gmail.com

Contact No: +91-9505797829

### **Objective:**

Seeking a challenging role to work in a professional environment that provides opportunity to learn key technologies, be an effective team player in developing, managing projects and to be an asset for the organization by delivering to the best of my capabilities

### **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.
- Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Linux, Git, Jenkins, Ansible, Maven, Docker, Kubernetes, Terraform, Amazon Web Service (AWS).
- Installed and maintained the GIT repositories.
- Trained development teams on GIT usage and best practices.
- .Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- Administering Jenkins and secured Jenkins with role based access controls.
- Good working knowledge in CI & CD and building a pipeline using Jenkins.
- Have hands-on knowledge with Ansible and writing Playbooks.
- Experience in configuring and updating the servers using configuration management tools like Ansible, and Experience in Containerization tool like Docker.
- Understanding the client environment, Administering and creating solutions using AWS services, GIT, CI/CD, DOCKERS, ANSIBLE, KUBERNETES, TERRAFORM,
- Configuring Jenkins job with related plug-in for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI / CD.
- Configuring Services & applications using Ansible playbooks.
- Experience with Amazon Web services Creating, configuring and Managing EC2, IAM, S3, ELB, VPC, RDS, EKS services across AWS Zone.

- 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, Production environments.
- 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).
- Automated Build Platforms. Practical usage of Amazon Glacier for archiving data.
- Monitoring resources, such as Amazon DB Services, CPU Memory, EBS volumes.

### **Educational Qualification:**

- Bachelor of Technology from NSRIT college of engineering in 2018

### **Professional Experience:**

- Working with Intellect Design Arena DevOps Engineer from Nov 2020 to till date
- Worked with Optum Global solutions as DevOps engineer from Dec 2018 to Nov 2020

### **Technical Skills:**

<b>Operating systems</b>	Linux, windows
<b>Version Control Tools</b>	GIT
<b>Scripting languages</b>	Shell Script, Python
<b>CI/CD Tool</b>	Jenkins
<b>Build Tools</b>	Maven
<b>Cloud</b>	AWS
<b>Configuration Management Tools</b>	Ansible
<b>Infrastructure as A Code (IAC)</b>	Terraform
<b>Code Quality</b>	SonarQube
<b>Containerization</b>	Docker
<b>Container Orchestration</b>	Kubernetes
<b>Monitoring Tools</b>	Prometheus and Grafana, ELK

## **Project 2:**

Client : Concentra Bank  
Role : AWS DevOps engineer  
Duration : 1.5 years

### **Roles and Responsibilities**

- Created branches and managed the source code for various applications in GIT.
- Created CI/CD pipeline and worked in Jenkins build and release management.
- Setup various Jenkins jobs for build and test automation.
- Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
- Writing Docker Files and building Docker Images, Maintaining those images into Hub.
- Responsible for writing the Manifest and Service files in Kubernetes.
- Worked with Kubernetes to orchestrate the deployment, scaling and management of docker containers.
- Enabled Pod auto-scalar and ingress for High availability.
- Troubleshooting issues using EFK-Elastic search/FluentD/Kibana.
- Used Prometheus and Grafana Monitoring Tools.
- Used blue-green deployment model for deploying application.
- Verify Deployments logs to check for successful deployments.
- Managing clusters in different environments Dev, QA, Stage, Production.
- Troubleshooting deployment issues in different environments
- Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
- Created AMI images of critical ec2 instances as backup using AWS CLI and GUI
- Worked as backup and recovery management of Linux instances.
- Created Virtual Private Cloud, Internet gateway, subnet and route tables using Amazon VPC
- Create, manage, and delete users and groups as per the request using Amazon Identity and Access Management.
- Used confluence for documentation of critical infrastructure data.
- Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
- Configured and managing ELBs and Auto Scaling.
- Configured and managing S3 storage.

## **Project 1:**

Client : Optum Global Solutions  
Role : AWS DevOps Engineer  
Duration : 2 years

### **Roles and Responsibilities**

- Involved setup of on premises data centre applications into AWS Cloud environment.
- Configured Public and Private subnets to build Bastion and webserver setup.
- Installed and configured Apache Tomcat and Apache on Linux and Windows environment.
- Respond and resolve the incidents, changes and problems in Production, Simulation and Development.
- Review and verify production Release Notes and build war/jar files using build tools maven and ant.
- Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/Ubuntu) and configuring launched instances with respect to specific applications.
- Configured and managing ELBs and Auto Scaling.
- Configured and managing S3 storage.
- Automated application installation, uninstallation and application enhancements through Batch scripting and Shell Scripts.
- Creating IAM Roles and Policies and attaching IAM Roles to developers and AWS Services.
- Providing S3 bucket access to Development teams
- Working on EBS Volumes snapshots and Creating Amazon Machine Images.
- Monitoring AWS Services using CloudWatch.
- Involving in the Change Requests for any configuration changes in DEV, QA, Staging environments.

