

VENKATA RAMANA

DevOps & AWS Consultant

E-mail: a.venkataswamy1002@gmail.com

Contact no: +917386913800

CAREER OBJECTIVE

Highly motivated and dedicated individual seeking an opportunity that encourages continuous learning and provide exposure to new ideas, personal and professional growth in Cloud Environment, Configuration Management, Build, Release and Deployment Management.

PROFESSIONAL SUMMARY

- Having **3 yrs** of IT experience in creating CI/CD pipeline, Process Automation, Build and Deployment Automation, Release Management, Packaging Quality control, Source Code repository & Environment management.
- Experience in working as a DevOps Engineer / Software Continuous Integration, Continuous Delivery. Complete knowledge of DevOps and Automation Tools **GIT (GitHub), Jenkins, Ansible, AWS, Kubernetes** and **Docker** etc.
- Implemented Continuous Integration, Build and Deployment using various Tools like Jenkins, Maven, SonarQube, Ansible, JFROG repo.
- Experience on Managing AWS services like **EC2, AMI, VPC, S3** and **Auto-Scaling, Snapshots, route53, IAM roles** and policies.
- Experience in implementing DevOps culture through CI/CD tool like Jenkins.
- Highly adept at designing, implementing and supporting cloud-based enterprise infrastructures. Proven talent for administering, supporting and enhancing applications and hosting platforms. Exceptional skills in quick, efficient debugging and root cause analysis (RCA). Extensive success creating deployment scripts for lifecycle automation. Good understanding on Maven Goals and Maven Lifecycle.
- Experience in creating Jenkins file for Continuous integration Continuous deployment with all validations like Code coverage and Static code analysis using SonarQube.
- Recognized for using Continuous Delivery and Agile Practices to deliver quality software.
- Extensive experience in setting up continuous delivery pipeline using adoptive **DevOps principles** and practices.
- Configuring Networking, IGW, Subnets, Routing Tables, NACL's using VPC in AWS.
- Experience in versioning systems like Git repository.
- Proven track record of supporting organizations to create seamless collaboration with development teams and operations (DevOps).
- Working with DEV, QA and UAT to ensure automated test efforts tightly integrated with the build system and in fixing the error while doing the Building and Deployment.
- Experience in writing **Docker files** for building containerized applications.
- Have strong knowledge of automating deployments into various release environments like QA, Staging and Production.
- Good work experience with Agile model and using agile tools like Scrum.
- A keen communicator with honed interpersonal, problem solving and analytical capabilities.

PROFESSIONAL EXPERIENCE

- Working as a DevOps Consultant in Tech Mahindra Pvt Ltd Gurgaon.

TECHNICAL SKILLS

Operating Systems	RHEL Linux, Ubuntu, Windows
Cloud Technologies	AWS (Amazon Web Services), Basic knowledge on GCP
CI/CD Tools	Jenkins
Container Tools	Docker
Source Code Management	Git, GitHub
Build tools	Maven
Orchestration tool	Docker Swarm& Kubernetes
Web/Application Servers	Nginx, Apache, Tomcat
Configuration management tool	Ansible
Monitoring Tools	Nagios, Prometheus, Grafana
Scripting Languages	Basic knowledge on Python
Project Management	JIRA

PROJECTS 1:

Project Name : PPG Industries

Role : DevOps Consultant

Environment : Docker, Kubernetes, Ansible, Terraform

ROLES AND RESPONSIBILITIES:

- Automated web server content deployments via Ansible playbooks.
- Uses Ansible playbook to deploy application into web servers.
- And involved on AQUA scanner dashboard where monitor the vulnerabilities of docker images like security issues, sensitive data and malware.
- Created Docker files for creating custom docker images.
- Created Docker containers along with application, exposed ports for the application to the outside world.
- Created Docker composed files for multi container run.
- Set Docker swarm cluster for high availability of application.
- Created Kubernetes (k8s) pods and created Kubernetes (k8s) services to access application to the outside world.
- Created Kubernetes ingress for routing application for http and https.
- Created Kubernetes state full sets for making persistent data of the application.
- Used ingress controller for load balancer.
- Created PV and PC's attaching for attaching volume to the pods.
- Created helm charts for packaging Kubernetes manifest files.
- Created manifest files using YAML.
- Experience on create Kubernetes cluster using KOPS and KUBE ADM.
- Having experience on creating pods, namespaces, deployment, ingress, services, jobs.
- Using terraform templates provision the Ec2 instance and s3 bucket.

Project2:

Project Name : Henkel

Role : DevOps Engineer

Environment : Jenkins, Git, Ansible, Docker, Aws environment

ROLES AND RESPONSIBILITIES:

- the methods of deployment (development, testing and production) and the processes and tools required to execute those deployments
- **AMI, EC2 instance, Code Pipeline, Code Deploy.**
- Improving the performance Responsibilities in designing and implementing Release Automation in a CI/CD environment using **GIT, Jenkins, Pipeline, Ansible, AWS, Docker CI/CD** with Jenkins using Pipelines and Docker containerization.
- Verify automating AWS cloud deployments in AWS cloud environment to manage and configure Managing of our development Infra, tools & applications and solve scaling issues.
- Facilitate sprint planning, daily scrums, retrospectives, stakeholder meetings and software demonstrations.
- Initiated tutorials on important technical topics.
- Experience in designing and implementing Release Automation in a **CI/CD** environment using **GIT, Jenkins, Pipeline, Docker and Ansible, CI/CD with Jenkins using Pipelines and Docker containerization.**
- Proven experience on creates Branching and Tagging concepts in Version Control tool like GIT on Linux and windows platforms.
- Used AWS auto scaling, Cloud Front, Elastic IP, ELB, IAM, Route53, S3, Security groups.
- Analysis of AWS cost and provide recommendations to resize instances as per utilization.
- Migrating AWS servers from EC2 to VPC environment.
- Launch, configure & manage instances on AWS in EC2/VPC, project release activities.

EDUCATIONAL QUALIFICATIONS

- Completed B.Tech in Jawaharlal Nehru Technological University – Anantapur.

DECLARATION:

I hereby declare that the above mentioned information is accurate to the best of my knowledge and belief.

(VENKATA RAMANA)