
Srinivasa Rao

Mail Id: srinivasarao0082@gmail.com

PH.NO: +91- 8904390907



Interested in long-term opportunities providing responsibilities to implement the DEVOPS activity's in AWS Cloud Computing environment. Dockers,Kubernetes,Jenkins,Terraform,Ansible,GIT,Github

REAL TIME SUMMARY:

- Having 6.8 years of experience in implementation of DevOps, Automation, Deploy, Cloud services, Build and Release Process with various Environments.
- Having Expertise on Docker, Kuberntes, ECS and EKS.
- Hands on experience in configuration management, DevOps and Infrastructure management with automation tools.
- Experience on using version control management tool GIT and its web repositories in GitHub for source code storage and management.
- Experience in using Maven as build tools for the building of deployable artifacts (jar, war) from source code.
- Maintained build related scripts developed in Maven. Modified build configuration files including Maven's POM.xml.
- Experience on AWS cloud services EC2, VPC (Creating Subnets, Public and Private Networks), S3, IAM, Auto Scaling and ELB for managing the multi-tier Environments. Extensively worked on Jenkins for continuous integration and end-to-end automation tools for deploying.
- Experience in configuration management tool such as Ansible.
- Experience in provisioning, orchestration, configuring nodes and deployment using Ansible.
- Experience in Adhoc commands and creating roles in Ansible for reusability and scalability.
- Developing Ansible playbooks, Dockers files for different scenarios to manage the infrastructure and integrating with CI / CD (Jenkins)
- Experience in Building, configuring and managing EC2 instances with Ansible playbooks.
- Experience in installation and configuration of Apache HTTP Server. Experience on Automating the Build and Deploy of Java applications todifferent environments by using Ansible and Jenkins.
- Experience on using Docker for successful setup of Dev. & Test environment for Developers and Testers.
- Experience on writing Docker files and Manage networking in docker and docker volumes
- Having Good Knowledge of ANT/Maven Tool(Selenium)
- Understanding of infrastructure automation using Docker and Ansible.
- Solid implementation knowledge on Docker, Kubernetes automation solution for Continuous Integration Continuous Delivery model.

- Experience in using Kubernetes to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts.
- Experience in trouble shooting and automated deployment to web and application servers like WebLogic, WebSphere, JBoss and Tomcat over AWS Cloud.
- Experience in implementing and administering monitoring tools Nagios, Splunk, Zabbix and Cloud Watch.
- Experience with container-based deployments using Docker, working with Docker images, Docker hub and Docker registries.

EDUCATION:

- **B.com** in **K.R.K** Degree College, Addanki, **Nagarjuna University** in the Year **1996**.

REAL TIME ANALYSIS:

- Working as a **Sr. DevOps Engineer** in **Synoption India Pvt Ltd**, From June 2022 to till Date.
- Worked as a **Sr. DevOps Engineer** in **Intel**, From January 2016 to April 2022.
- Worked as a Sr. System Administrator for **Stesalit Ltd** from Nov 2014 to Dec 2015
- Worked as a system Administrator for **Stesalit InfoTech** ltd from Nov 2007 to Oct 2014

TECHNICAL EXPERTISE:

Operating System	Linux, Windows
Language/Scripts	Shell
Version Control System (SCM)	GIT, GitHub
Build Tool	Maven
Continuous Integration Tool	Jenkins
Configuration Management	Ansible
Containerization /Virtualization	Docker, Kubernetes
Cloud Technologies	AWS (Ec2, S3, VPC, IAM, Autoscaling, ELB and RDS)
Application & Web Servers	Apache Tomcat, Nginx

Ticketing Tool	Jira
Monitoring Tool	Nagios,Datadog
Database	MySQL
Infrastructure as Code	Terraform
Repository Manager Tool	Nexus

PROJECTS HANDLED:

Project 2: Vemond

Sr.AWS/DevOps Engineer

Responsibilities:

- Worked with Amazon Web Services (AWS) like **EC2, Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, Elastic Beanstalk, Cloud Front, Elastic File system, VPC, Route53, Cloud Watch, Cloud Trail, Cloud Formation, IAM.**
- Launching **Amazon EC2 Cloud Instances** using Amazon Web Services (**Linux/ Ubuntu**) and Configuring launched instances with respect to specific applications.
- Creating **S3** buckets and managing policies for **S3 buckets** and Utilized **S3 bucket** and Glacier for storage and backup on **AWS**.
- Defined **AWS Security Groups** which acted as virtual firewalls that controlled the traffic allowed reaching one or more **AWS EC2** instances.
- Work with product development to resolve **build**-related issues in all projects.
- Implemented a **GIT** mirror for **SVN** repository, which enables users to use both **GIT and SVN**.
- Implemented Continuous Integration using **Jenkins and GIT**.
- Used **GIT** for source code version control and integrated with **Jenkins for CI/CD pipeline**, code quality tracking and user management with build tools **Ant and Maven**.
- Manage **the integration of new software projects** and products into the **build environment**.
- Installed, configured and managed **Ansible** server, created playbooks to various middleware application servers, and used **Ansible** to automate repetitive tasks.
- Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design **cost effective, fault tolerant** and highly available systems.
- Wrote Ansible playbooks with **Python SSH** as the wrapper to manage configurations of **AWS Nodes** and test **Playbooks on AWS instances using Python**.
- Used **Ansible** to manage **Web applications, Environments configuration Files, Users, Mount points and Packages**.
- Written **Terraform** templates, **Chef Cookbooks**, recipes and pushed them onto **Chef Server** for configuring EC2 instances.
- Created scripts in **Ruby** to **automate log rotation** of multiple logs from **web servers**.
- Installing configuration and maintenance of Web Servers (**apache**), App Servers.
- Increased team productivity and automated repetitive tasks by using batch files, **PowerShell, VBScript** and **WMI**.
- Implemented **One-Click TFS Continuous Integration** automated build and deployment solution for Non production environment.

- Involved in **refactoring** and **automated** complex non production/Production Ecommerce deployment process.
- Created and configured the **Docker containers** and **Docker consoles** for managing the application life cycle and for branching purpose.
- Building/Maintaining **Docker** container clusters managed by **Kubernetes, Linux, Bash, GIT, Docker**, on GCP.
- Utilized **Kubernetes** and **Docker** for the runtime environment of the **CI/CD** system to build, test deploy.
- Automated builds to the **Docker** hub on every commit and release.
- Responsible for build and deployment automation using **Docker containers, Vagrant and Chef**.
- Worked on the **installation and configuration** of the monitoring tool **Nagios**.
- Worked on **JIRA** to track issues and project management.
- Experience with virtualization and cloud infrastructure, which includes **VMware, AWS, Rackspace, OpenStack and Azure**.

Environment: AWS (EC2, Auto-Scaling, S3, Elastic Beanstalk, ELB, RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS), Git, Jenkins, Puppet, Ant, Maven, ELK Ansible, Team Foundation Server (TFS), Docker, Splunk, Jboss, Nosql RHEL 6.X.

Project 1: Comcast

Sr. AWS/ DevOps Engineer

Responsibilities:

- Managed source code repository, build, and release configurations, processes, and tools to support daily development, test, and production build and software deployment operations.
- Created and Maintained **Subversion Branching, Merging and Tagging** across each Production releases and perform builds using Hudson **Continuous Integration** using **Maven Scripts**.
- Maintained **Maven** environment by setting up local, remote and central repositories with specified configuration in maven configuration files.
- Strong experience in utilizing **Build Forge and Jenkins** for enterprise scale infrastructure configuration and application deployments - checking out code from **SVN** and use **ant/maven to build war/ear artifacts**.
- Automated **Maven and ANT** builds by integrating them with **Continuous Integration** tools **Jenkins**.
- Defined dependencies and plugins in **Maven** pom.xml and integrated **Maven** with **GIT** to manage and deploy project related tags.
- Automated the **continuous integration and deployments** using **Jenkins**.
- Installed **Jenkins/Plugins** for **GIT Repository**, Setup **SCM** Polling for Immediate Build with **Maven** Repository and Deployed Apps using custom ruby modules through **Puppet** as a **CI/CD** Process.
- Involved in installing **Puppet** client on **Red hat & Solaris** servers for Automation purpose.
- Building & configuring Red Hat Linux systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
- Used knowledge of .NET to Implement and maintained branching and build/release strategies for .NET applications utilizing TFS. Co-ordinated with offshore team in completing delivery and helping them out in TFS related issues

- Building & configuring Red Hat Linux systems over the network, implementing automated tasks through crontab, resolving tickets according to the priority basis.
- Performed periodic customer releases through Git pushes to shared, private and public servers. We use crontabs, automated scripts to do continuous delivery and continuous deployment.
- Migrated out core repository from SUBVERSION to Git. In this process, I was involved in individually migrate the entire code base from subversion to Git ensuring that health of our builds isn't affected. Performed high level merges of branches, code bases.
- Maintained build related scripts developed in Ant, Python and shell.
- Maintained Maven/Ant and streamlined the entire build system. And managed build and release infrastructure, optimized build scripts and introduced a better way of releasing RPMs with effective tracking.
- Modified Ant scripts to build the JAR's, Class files, WAR files and EAR files from VOB's for Java applications and MS builds for all .Net applications. Enhanced Maven pom.xml with additional plugins for robust builds.
- Create and maintain nightly builds, hotfix builds/branches, custom and private builds.

• **Environment:** AWS, Elastic Load-balancers, Elastic Container Service (Docker Containers), S3, Elastic Beanstalk, Cloud Front, Elastic File system, RDS, Cloud Watch, Cloud Trail, Cloud Formation, IAM, Elastic Search, Linux (RHEL 4.x/5.x), Solaris, Windows 2000, Apache, Tomcat, Jenkins, Ant, Git, Maven, Jira, Bash, Shell and python.