Sivaparvathi Mupparaju

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# Professional Summary:

* Having 5 years of Experience in IT environment and 3 + Years of hands-on experience with expertise in Design and implementation of DevOps solutions, Build and Release Management and Configuration Management and AWS.
* Worked on SDLC Methodologies like Agile, and other processes.
* In-depth understanding of SCM activities like creating repositories, branching, repository back-ups, tagging etc.
* Extensive experience on **Version Controlling** and **Source Code Management** tools like **GIT, GITHUB.**
* Setup and configure the continuous build system using Jenkins and Created CI/CD pipeline jobs for using Jenkins and integrating with tools GIT, Maven.
* Developed and maintained end-to-end build scripts like build.xml, pom.xml for packaging the enterprise applications with Maven.
* Good knowledge in managing the Nexus and Artifactory repositories for the maven artifacts and dependencies.
* Experience with Jenkins administration, backups and Plugins. Using master slave configuration maintained various jobs in Jenkins and supported development teams.
* Automating the application deployment in Dev, QA, UAT, Stage and Production environments.
* Hands on experience on cloud technologies like **Amazon Web Services**
* Experienced in maintenance of infrastructure using a combination of Jenkins, Ansible and Terraform.
* Having experience in writing Ansible Playbooks to automate the deployment process and to integrating Ansible Playbooks into Jenkins jobs for a continuous delivery framework.
* Implemented AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, RDS, EBS, Cloud Watch, Autos calling, IAM, S3, WAF, R53.
* Good Knowledge on virtualization tool **Docker**
* Good exposure on deploying applications into **K8S** clusters.
* Hands on experience on **Linux** environments
* Having good interpersonal and problem solving skills.
* Interested to explore myself with new Technologies.

# Technical Skills:

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| --- | --- |
| Operating Systems | Linux (CentOS, Ubuntu), Windows variants |
| Infrastructure as a  service | Amazon Web Services (AWS) |
| Test, Build and  Automation | Jenkins, Ansible, Maven |
| Continuous Monitoring | Nagios, Cloud Watch |
| Version Control Tools | Git, SVN, Bitbucket |
| Containerization  CI / CD Tools | Docker, Kubernetes , Ansible, Jenkins, git , Terraform |
| Scripting languages | Shell,YAML,Groovy |
| Database | MySQL , AWS RDS |
| SDLC | Agile |
| Application/Web  Servers | Tomcat |

## Experience Summary:

* Currently working as a DevOps Engineer in CTS from 14-Oct-2022.

## Academic Qualifications:

* M.Tech in communication engineering & signal processing from GVP college of Eng & Tech, Visakhapatnam under Jawaharlal Nehru Technological University Kakinada Andhra pradesh.

# Project: #2

**Project** : Sainsbury’s

**Duration** : July’2020 – October’2022

**Role** : DevOps Engineer

**Environment** : AWS, GIT, Maven, Jenkins,Terraform, Ansible

# Roles & Responsibilities:

* Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins
* Responsible in Installing and maintaining the GIT repositories of all sources and documents (Repository Maintenance).
* Using **Terraform** as IAAC to create resources in **AWS** cloud.
* Writing Jenkins pipeline for launching **Terraform** maintained resources to multiple AWS accounts.
* Integrated Code Quality analysis tools like Sonar to Jenkins.
* Writing Jenkins pipeline for propagating docker image for different environments.
* Responsible for deployments Into QA, UAT, staging and PROD environments.
* Deliver appropriate build, operations and support documentation (Release Notes) for the build and test environments.
* Builds are developed by using **MAVEN** tool and Jenkins is used in the Continuous integration server.
* Worked with the configured and maintained **Jenkins** to implement the CI process and integrated the tool with maven to schedule the builds.
* Launching Amazon **EC2** Cloud Instances using Amazon Web Services (Linux) and Configuring launched instances with respect to specific applications.
* Experienced with configuration management tool **Ansible**.
* Configured S3 versioning and lifecycle policies to and backup files.
* Used the **Elastic load balancer** to direct traffic to all instance in the availability zone.

# Project: #1

**Project** : True value

**Duration** : May’2019 – June‘2020

**Role** : DevOps Engineer

**Environment** : GIT, AWS,Terraform,Jenkins, Ansible

# Roles & Responsibilities:

* Responsible in Installing and maintaining the GIT repositories of all sources and documents (Repository Maintenance).
* Experienced with configuration management tool **Ansible**.
* Creating Ansible Playbooks, to Deploy VM and install the Components as per requirements.
* Using **Terraform** as IAAC to create resources in **AWS** cloud.
* Writing Jenkins pipeline for launching **Terraform** maintained resources to multiple AWS accounts.
* Builds are developed by using Maven tool and Jenkins is used in the Continuous integration server.
* Worked with the configured and maintained **Jenkins** to implement the CI process and integrated the tool with maven to schedule the builds.
* Experience in managing Ansible Playbooks with Ansible roles and created inventory in Ansible for automating the continuous deployment.
* Used Ansible and Ansible Tower as configuration management tool, to automate repetitive tasks, deploy applications and manage changes and automate software update and Verify functionality.