SUMESH G

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PROFESSIONAL SUMMARY:

- Having 3+ years of experience in IT industry as a **DevOps/AWS** Configuration Management which includes Build Automation, Continues Integration, Continues Delivery, and Continues Monitoring using Automation Tools.
- Administration various environments in software development life cycle **(SDLC)** Windows, Ubuntu, Red Hat Linux and Centos.
- Good hands-on knowledge of Source Code Management like **Git.**
- Responsible for performing tasks like Branching, Tagging, and Release Activities on **Version Control** Tool like GIT.
- Having good experience in Build tool like **Apache Maven** to resolving build issues like adding the build profiles and dependencies on maven configuration file.
- Good Experience **in Jenkins** for **CI** (Continuous Integration) and **CD** (Continuous Deployment) methodologies.
- Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using **Master/Slaves** and other administration tasks in Jenkins.
- Good experience in Jenkins to writing Jenkins's file for complete infrastructure **CI / CD pipeline** using Groovy Script.
- Having good experience in Containerization tool like **Docker.**
- Experience in creating Docker images and containers and push the images into Registries.
- Good Experience with Automation/Configuration Management using **Ansible.**
- Experience in managing the **Ansible playbooks** and Roles to automate the remote servers using Ansible Inventories.
- Worked on web servers like **Apache** and application servers like **Tomcat** to deploy code.
- Having extensive knowledge on working with **Linux.**
- Having knowledge on code quality plug-in **SonarQube.**
- Hands on Experience using the Artifactory repository **Nexus.**
- Experience in **Amazon Web Services (AWS)** and various Amazon services **(EC2, IAM, Amazon S3, VPC, ELB, Route53, Cloud Watch and Auto Scaling).**
- Experience in Managing AWS EC2 instances for **Git, Maven, Jenkins, Docker** and **Ansible**.
- Extensive experience in setting up the CI/CD pipelines using **Jenkins, Maven, Nexus, GitHub, Terraform and AWS**
- Experience with monitoring tools like **Nagios** and **Amazon Cloud**.
- Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
- Strong ability to troubleshoot any issues generated while building, deploying and in production.

WORK EXPERIENCE:

- Currently Working as **DevOps Engineer** at **Synchronoss Technologies** from September - 2017 to Till Now.

EDUCATIONAL CREDENTIALS:

- **DIPLOMA (CIVIL)** from Loyola polytechnic college in 2015.

TECHNICAL SKILLS :

Operating system	**Linux (Red Hat), Windows, Ubuntu**
Version Control System tools	**Git, GitHub**
Build Tools	**Ant, Maven**
Continuous Integration Tools	**Jenkins**
Configuration Management	**Ansible**
Artifactory Repository	**Nexus**
Code Analysis	**SonarQube**
Containerization tools	**Docker & Kubernetes**
Cloud Environment	**Amazon Web Services**
Scripting	**Bash, Shell Scripting, Groovy.**
Project Management	**Jira**
Web & Application Servers	**Tomcat**

PROFESSIONAL EXPERIENCE:

Project #1

Project Name : eSupply
Role : DevOps engineer**.**
Duration : March 2020 to Till now
Environment : AWS, Docker, Kubernetes, Ansible, GIT, Maven, Jenkins, SonarQube, Nexus, Linux/Windows.

Roles and Responsibilities:

- Creating repositories and new users for GIT and giving access for users to the repository.
- Analyze and resolve conflicts related to merging of source code for Git.
- Extensive experience with Continuous Integration Tools, created and maintained fully automated CI/CD pipelines using Jenkins.
- Responsible for setup and ongoing builds in Jenkins.
- Integrated Maven with Jenkins to create artifacts.
- Configured GIT with Jenkins and scheduled jobs using Poll SCM options.
- Responsible for the complete build and release process including automation of nightly builds, packaging the release and coordinate release material.
- System monitoring with Nagios to check the load on each and every system.
- Verifying the logs if build fails and to check for the successful deployment.
- Wrote Ansible playbooks to manage configurations and automate installation process.
- Helping Development teams automate the environment setup using tools like Ansible.

- Created Docker images using Docker file to containerize the application.
- Having experience on Docker Networking using bridge and Docker Volumes.
- Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, Elastic File system, RDS, Dynamo DB, VPC, Route53, Cloud Watch, IAM.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and configuring launched instances with respect to specific applications.
- 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.
- Work within a team of like-minded professionals to plan, deploy, and maintain critical business applications.
- Deployed builds to different environments like DEV, QA, UAT environments by integrating Jenkins and Ansible.

Project #2

Project Name	:	GENERAL RISK MANAGEMENT (GRM).
Role	:	DevOps engineer.
Duration	:	Sep 2018 to March 2020
Environment	:	AWS, Docker, Ansible, GIT, Maven, Jenkins, SonarQube, Nexus, Linux/Windows.

Roles and Responsibilities:
- Created the VM's on Public cloud AWS and configured the environments Dev, QA, and PROD.
- Used the standalone Dockers to build the environments. Used docker file and compose file to build the images as part of CI/CD process.
- Responsible for Git branching setup and pull request merges on QA and Prod code base.
- Coordinated with dev teams and BA teams to perform the pull requests across different branches and builds schedule to the environments.
- Developing and supporting day to day release builds and deployments.
- Implementation of new build and deploy tools & Process to make smooth pipeline transition from Dev to Production.
- Participated in the application builds and deployments to Dev, QA, STAGE and Prod environments.
- Involved in automate the deployment of the artifacts in the antifactory repository NEXUS.
- Involved in providing automatic alerting and reporting on code quality and code coverage using SonarQube.
- Manage and configure AWS services as per the business needs (ELB, EC2, Route53, S3, Cloud Watch, IAM, VPC, ELB and Auto scaling).
- Used IAM for creating Roles, Users, Groups and implemented MFA to provide additional security to AWS account and its resources.