ARCHANA DOOSARI

Contact: +91-7569085358

Mail: archana.dt12@gmail.com   **DevOps Engineer**

Experience

DevOps engineer with an experience of 2.8+ years managing end to end Cloud Infrastructure Creation, Management, Automation and Deployment.

Professional Summary:

- Worked on key technologies **AWS Cloud** and **DevOps** Methodologies.
- Responsible for maintaining the complete automated build process for producing product releases.
- Experience in using **Git** Repository.
- Installed **Jenkins** and created jobs for builds deployment and another task to automate.
- Proficiency in implementing Continuous Integration (CI) and Continuous Deployment (CD)
- Excellent skill in applying Continuous Integration, Continuous Deployment (CD) and Continuous Delivery process & tools [Example: Git, Maven, Jenkins, Artifactory, Docker etc.]
- Implemented **Master-Slave architectural setup** in Jenkins for higher availability, fault tolerance and managing distributed build
- Good experience in deploying the files in **Web** and **Application server** like **Apache Tomcat.**
- Automated applications Configuration using configuration management tools like **Ansible**
- Capable of building **Docker** images such as Docker files.
- Deployed code to multiple environments like **DEV**, **QA, Pre-Prod**.
- Work closely with Development and QA teams on Build and Deployment issues.
- Familiar with Software Development Life Cycle (SDLC) processes.
- Helping developer's issues that are related to version control.
- Deep hands-on knowledge of various AWS services like VPC, Subnet, EBS, EC2, IAM, S3, ELB, Auto Scaling, Cloud Watch, Elastic IP, Security Group on AWS
- Ability to work as a Team Member with strong problem-solving skills.

Professional Experience:

DevOps Engineer at Optum Global Solutions Pvt. Ltd (July 2018-Present)

Qualification:

- B.Tech from Jawaharlal Nehru Technological University, Hyderabad in Electronics and Communications Engineering (ECE) in 2018

Technical Skills:

- o **Code Versioning Tool** : Git
- o **Build Tool** : MAVEN
- o **Application Server** : Apache Tomcat
- o **Continuous Integration Tool** : Jenkins
- o **Scripting Languages** : Shell
- o **Configuration Tool** : Ansible
- o **Databases** : MySQL, Amazon Redshift, DynamoDB
- o **Containerization tool** : Docker, Docker Swarm
- o **Ticketing Tool** : Jira
- o **Cloud Technologies** : AWS- EC2, IAM, S3, Cloud Watch, ELB, VPC, Auto Scaling, Route53
- o **IAAS** : Basics in CloudFormation and Terraform

Working Experience:

Project :01

Project : Market America Online Shopping Portal

Duration : August 2019 To Till date

Role : DevOps Engineer

Project Description:

Market America Online shopping Portal.Through the Market America Portal, you can access one of the largest online shopping networks available and browse the inventory of thousands of partners along with in-house brands. Market America has over 3 million Preferred Customers and over 180,000 global Shop Consultants throughout the global. Market America is one of the leading online shopping portals in America.

Roles and Responsibilities:

- Configured Jenkins Jobs for generating Project artifacts.
- Configured Jenkins pipeline as per requirement.
- Maintain GIT Repositories, Branching activities for GIT.
- Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a JAR, WAR.
- Perform deployments to multiple environments like DEV, QA and TEST environments via Ansible.
- Deploying the WAR files in Tomcat server.
- Capable of building Docker images such as Docker files.
- Deploying the War file in Docker container.

- Good knowledge on configuring and Installation of Ansible.
- Basic knowledge on writing playbook for Ansible.
- Troubleshooting application related issues and providing logs to developers for further investigation.
- Documenting all the Build and Deployment related issues.
- Build environment and release Ec2 instances Amazon Linux, Redhat, Centos for Development and Production.
- Setup and attached EBS volumes to Ec2 instances
- Setup and managed backup and recovery using snapshot.
- Create AMI images critical Ec2 instances as backup using GUI.
- Infra-structure development on AWS using various services like Ec2, S3, Cloud Watch, IAM etc.
- Attaching or Detaching EBS volume to AWS Ec2 instance.
- Configured Cloud watch alert.
- Worked on tickets assigned by the helpdesk.
- Launching and configuring of Amazon Ec2(AWS) cloud servers using AMI's (Linux, Ubuntu) and configuring the servers for specified applications.
- Configuring and managing ELB.
- Configured SSL Certification for portal.
- Configuring and managing S3 storage.
- Workspace setup and troubleshooting.
- Configuring Cloud Watch for monitoring instance ELB's etc.
- Effective cost calculating using AWS Calculator
- Create and configure S3 bucket with restricted policies.
- Documenting all the Build and deployment related issues.

Project :02

Duration   : July 2018 To July 2019

Role   : AWS Administrator

Project Description:

The main purpose of the project is to develop a website and host the website in the cloud. It should be accessed by all the public users, also providing high availability, Load Balancing and Maximum Utilization of resources.

Roles and Responsibilities:

- Working exclusively on making applications more scalable and highly available system in AWS Environment.
- Build and Release EC2 instances Amazon Linux, Red hat and Windows for POC, Development and Production Environment.
- Configured and Managing S3 Storage.
- Configured Static website hosting, Bucket Policy.

- Configured Cloud Watch Alerts (CPU Utilization, Memory Utilization and System Utilization).
- Configured Cloud Trail for logs purpose.

Declaration: I hereby declare that the above furnished information is true, complete and correct to the best of my knowledge and belief.

Place: Hyderabad   Signature
Date: 03-03-2021   Archana