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DevOps Engineer   Mob No: +91- 7032452341

Objective:

   To work in a challenging environment through which I can utilize my skills and knowledge for the development of the organization and in turn my career.

Professional Summary:

- Around **2+** years of Experience as a **DevOps** Engineer and **AWS** & Software Configuration and Build Management Engineer that includes Environment setup, Build automation, scripting and deployments.
- Expertise in supporting multiple projects during builds and release activities.
- Excellent knowledge on Amazon Web Services like EC2, ELB, Auto Scaling, IAM, S3, VPC, EBS, etc.
- Setup, attaching and detaching EBS volumes. Setup, managed backup and recovery using Snapshot and Extensive Knowledge on creating AMI Workspaces
- Backup and Restoring the RDS Snapshots, EBS Snapshots and Jenkins jobs.
- Hands on experience with version control tool like GIT and AWS code commit.
- Experience on, GIT- Created branches, tagging, setting providing access permissions to the developers over branches and including branching and merge conflicts.
- Good working experience on Linux and Windows Operating Systems.
- Good hands on experience in installing and configuration of Ansible.
- Good knowledge in dealing with inventory file and host patterns in adding hosts tp inventory file and calling nodes.
- Good knowledge in using multiple ansible modules as and when required and their usage.
- Good working experience in yaml scripting.
- Used Shell scripting in automating many modules.
- Hands on Experience with Build Tool Maven to generate project Artifacts (jar, war) from source code.
- Good working experience in maven.
- Hands on experience in automating build process using JENKINS CI Tool from scratch. Install Jenkins, created build jobs, Handle custom plugins, Administration and Migration activities.
- Good experience in designing and developing Jenkins deployments.
- Good Experience in Continuous integration using the Pipeline View.
- Good Hands-on Experience in creating Jenkins jobs, plugins installation and setting up distributed build using Master/slave concept.
- Good experience in deploying the artifacts in Tomcat Server.
- Good knowledge in checking the code quality using the Junit.
- Performance testing for complex systems, Build Release and environment planning, designing, implementation for projects across different technologies.
- Supporting scheduled builds using scripts and tools.
- Troubleshoot the Application related issues in production & Non- production environments.
- Design, integration and deployment of Application servers – Tomcat Application Server across UNIX, Windows and Linux platforms.
- Familiar with Software Development Life Cycle (SDLC) process.
- Good knowledge on methodologies like Agile and waterfall model for project planning and execution.
- Experience in end-to-end building and Deploying and configuring process.
- Used tools like Docker for deployment automation.
- Docker installation and image setup.

- Creating custom image from a Docker File.
- Worked on docker containers and docker consoles for managing the application life cycle.
- Ability to accept challenge, learn and grown in good profession manner.
- Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.

Educational Qualification:

B.Tech, Mechanical Engineering from **Sasi Institute of Technology and Engineering**, Tadepalligudem, Andhra Pradesh, with **64.81%** in **2019**.

Work Experience:

Currently working as a DevOps Engineer in **Ikya Software Solutions Pvt. Ltd**, Hyderabad, since Aug 2019 to till date.

Skill Set:

Version Control System tools	: GIT
Operating Systems	: Windows, Linux
Scripting	: Yaml
Build Tools	: Maven
Web Server	: Httpd, Apache2
Application Server	: Apache Tomcat
Continuous Integration Tools	: Jenkins
Containerization tool	: Docker
Configuration Management Tool	: Ansible
Monitoring Service	: Cloud Watch

Project Details:

Project 1: Smatr.io (E-Commerce Web Application For Company Products)

Product Name	: Smatr.io (Aug 2019 to Till date)
Technologies used	: Windows, Red Hat Linux, Yaml Scripting, Httpd, Tomcat, Apache, Git, Maven, Aws.

Description:

Smatr.io is an online shopping cart web-based application intended for company products.

Switch	: A home Automation system that turns all your manual switches automatic and makes you control them from anywhere around the world.
Camera	: Home surveillance not only delivers 24/7 monitoring with colourful 1080P video and sharp night vision.
A.C	: Make you air conditioner intelligent by remotely controlling your air conditioners with our mobile apps.

Roles and Responsibilities:

CI Activities:
- Setting up the new build environment for various applications in Windows/Linux environment.
- Managed to organizational standards by maintaining the source code in GIT for various applications. Setting up the new Build Environment for various products in Linux Environment.
- Creating and maintaining the development and release branches on GIT.
- Using Maven as a build tool, I could automate the process of building artifacts.
- Implementing Jenkins continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
- Participates in the design and implementation phases for new and existing products, with a focus on AWS technical knowledge for successful execution of the requirements.
- Measurement, optimization and tuning of system performance and ensuring that systems will run reliably and are highly available in a 24/7 production environment.
- Used Docker Container for running different individual services and optimizing the infrastructure cost.
- Automating the manual process if any, by writing the Shell scripts.
- Involved in deployment of the application using Tomcat.
- Primary responsibilities include Build and Deployment of the java applications onto different
- Environments like QA, UAT, pre-Prod and prod.
- Created the Repos in Nexus Artifactory Repository Manager.

AWS Activities:
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- Creating EC2 Instances
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed to reaching one or more AWS EC2 instances.
- 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.
- Configuring and Networking of Virtual Private Cloud (VPC)
- Used IAM to create new accounts, roles and groups
- Used CloudFront Service for securely delivers data, videos, applications, and APIs to customers globally with low latency, high transfer speeds, all within a developer-friendly environment.

Declaration:

   I hereby declare that the above written particulars are best of my knowledge and belief.

   Place:

   Date:

                                                                                          Signature