**RAM PRASAD**

**+91 7730070134**

[**ramprasadko379@gmail.com**](mailto:ramprasadko379@gmail.com)

**PROFILE SUMMARY**

* Having over all **3.7 Years** of Experience in the IT industry as a **DevOps** Engineer in automation, build and release process with various environments.
* Good experience working in **Agile & DevOps** projects.
* Participated in building the **DevOps Platform** with high end scripting languages of Ansible.
* Extensive hands on work with **Private & Public Cloud** Solution Providers.
* Actively participate in daily **SCRUM meetings** and perform daily risk analysis of backlogs.

Experience in working on version control system **GIT**.

* Maintain GIT Repositories, Handling Releases and Branching activities for **GitHub**.
* Excellent skills in **applying Continuous Integration, Continuous Deployment and Continuous Delivery.**
* Focused on automation and **Continuous Integration.**
* We will configure **Backup and Restore** for Jenkins Jobs.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Git, SVN, Ant, Ansible, Maven, Jenkins, Apache Tomcat, MySQL, Shell Scripting Docker, etc.
* Experience in creation of **Docker** container images, tagging and pushing the images.
* Worked with **Docker file** to build Docker images.
* Good knowledge and understating in **Kubernetes Open shift**.
* Ensured that **IAAS** and **PAAS** are perfectly implemented.
* Designed and implemented Cloud solutions with **AWS** Elastic Compute Cloud (EC2), IAM, and S3, ELB,

Auto Scaling, **VPC.**

* Monitoring the Disk/Process/CPU/Memory using tools like **Splunk And Dynatrace** Cloud Watch**.**
* Have good Experience in **Linux, Shell Scripting.**
* Identifying and rectifying build/deployment problems.
* Daily involved in team **stand-up** calls.

**TECHNICAL SKILLS**

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| --- | --- |
| **Cloud Services:** | Amazon Web Services (AWS) |
| **Web Server Administration:** | Apache, Tomcat |
| **Database Administration:** | MySQL |
| **Server&ServiceMonitoring:** | Splunk,Cloud Watch |
| **Configuration Management:** | Ansible, |
| **Scripting:** | Bash, Shall Scriptig, Grovy |
| **Continuous Integration:** | Jenkins, |
| **Source Control:** | Git, GitHub |
| **BuildTools:** | Maven,Gradel, |
| **VirtualEnvironment:** | VMware, Virtual box, |
| **ContainerTechnology:** | Docker and Kubernetes. |
| **Project Management:** | Jira And ServiceNow |

**PROFESSIONAL EXPERIENCE**

**EXPERIENCE:**

* Working as a **DevOps Engineer** for **Deloitte** from **July-2019 to Till Date.**

**DevOps Engineer at Deloitte**

**Project** #**2**:

**Client**: Marriott.

**Role**: **DevOps Engineer**

**Environment**: Aws, Jenkins, Docker, Open shift, kuberneties Github, Maven, Apache, Tomcat, VM ware, Linux.

**Description**

Marriott International, Inc. is an American multinational company that operates, franchises, and licenses lodging including hotel, residential, and timeshare properties. It is headquartered in Bethesda, Maryland.

**Roles and Responsibilities:**

* Maintaining core business-critical systems as well as our cloud infrastructure.
* Participate in building the DevOps Platform with DevOps tools and high-end scripting languages like Ansible.
* Exposure to complete product development and release engineering cycles.
* Hands-on in writing the **Docker** files for building images.
* Responsible for managing the Docker private registry\.
* Developing build and deployment pipelines using **Jenkins**, **Maven** for Java applications.
* Creating new Build jobs, Plugins installation, and management, Test case integration, setting up master/slaves using Jenkins.
* Experience in **JENKINS** to schedule a job as per the requirement, report monitoring, and notification functionality to report success or failure.
* Used Maven as build tools on java projects for the development of build artifacts on the

source code.

* Performed infra automation tasks using Ansible.
* Have performed **AWS** Management Console and Administration activities
* Good experience in performing deployments in AWS cloud environments.
* Worked on S3's buckets, and ELB for distributing traffic among multiple web servers.
* A clear understanding of deployment concepts of **Microsoft** **Azure** services.
* Containerizing applications with **Docke**r.
* Using Jenkins, and Git for the creation of custom **Docker container** images, tagging, and pushing the images. worked on the customized Docker networks
* Responsible for writing the **Ansible** Playbooks for orchestration.
* Automate operations management by developing scripts as needed.
* Experience in building management and continuous integration tools. (Jenkins)
* Collaborate with Engineers and System Administrators on technical issues.

**Projec**t #**1**

**Role: Build and Release Engineer.**

**Environment:** AWS, GIT, GitHub, Maven, Jenkins, Linux, Tomcat Application Server, Virtual Box, Shell scripting.

**Roles and Responsibilities**:

* Working experience in continuous integration using **GitHub, Maven, Jenkins,** and **Aws.**
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Performed Branching, Tagging, Release Activities on Version Control Tools: **GIT**.
* Tracking and monitoring all the automation scripts with the source code management tool such as GitHub.
* Used Maven as a build tool on Java projects for the development of build artifacts on the source code.
* Experienced in defining various build and release workflows.
* Extensively used Jenkins for continuous integration & delivery
* Configuring Jenkins jobs and scheduling jobs using **POLL SCM** option and integrated the tools with Git &Maven.
* Deploying the artifacts in different environments by creating a pipeline in Jenkins.
* Troubleshoot Build and Deployment Issues, with little downtime.
* Creating EC2 Instance using image selection and adding N/w security using **VPCS**, Subnets, Security Groups, Route Tables in **AWS**
* Created alarms in **Cloud watch** service for monitoring the server performance.
* Worked on S3's buckets, ELB for distributing traffic among multiple web servers.
* Creating **AMI**s, **Snapshots**, **and Volumes,** and managing **EBS** Volumes.
* Taking snapshots on monthly basis for backup purposes. For storage managing **EBS** and **S3** (Simple Storage Service).
* Installed and configured Jenkins with different tools (plug-ins) for the continuous integration process.
* Deploying the **JAR** and **WAR** into Tomcat Application Server.
* Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Automated nightly build, test, and reporting mechanisms using Jenkins.
* Monitoring various resources such as CPU utilization, memory utilization, and file System space issue.
* Identifying and rectifying build/deployment problems.
* Daily involved in team stand-up calls.