DEVOPS ENGINEER

**HARSHAD JOGI E-mail:** hrjogi007@gmail.com

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**Over 2 years** of experience as a **DevOps Engineer** in automating, building, deploying, managing and releasing of code from one environment to other environments tightly maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple environments like (DEV/QA/UAT).

**PROFESSIONAL SUMMARY**

* Having over 2 Years of professional experience in the IT industry as a **Associate Devops Engineer**.
* Hands on experience in Branching, Merging concepts in Version Control tool like **GIT**.
* Excellent experience in Implementing DevOps CI and CD methodologies using **Jenkins**.
* Excellent experience in setting up VCS to integrate smoothly **CI/CD with pipeline**.
* Experience with version control tool like **GIT** in setting up by following the best practices for different dev teams.
* Hands on experience with Build Tools like as required **Python**, **Maven** for the building of deployable artifacts from source code.
* Hands on experience in automating the build process using Continuous Integration Tool as **Jenkins** with Pipeline View.
* Hands on experience in automating the Deployment process using Configuration Management Tools as **Ansible**.
* Implemented/designed **playbooks** which will automate the installations, configurations, and deployments.
* Hands on experience in end-to-end building, Deploying, configuring process and implementation from **DEV, QA**  environment to **UAT**.
* Hands on experience using the containerization tool as **Docker**. Worked on Docker containers, deployed application on docker container with the help of Jenkins.
* Supported Server/VM provisioning activities, installation and deployment activities via **Ansible**.
* Created Docker images according to the requirement through Docker file.
* Quick learning attitude, good Communication skills and dedicated to work.
* Having knowledge in AWS cloud in various Amazon Services (Resources) likes **IAM, EC2, S3, VPC,R53, ELB** (Elastic load balancing).
* Also have a strong experience in monitoring infra in AWS cloud with **CloudWatch, SNS,Cloudtrail** resources.
* Using **EC2** – launched various types of instances such as t3.large/t3a.large etc. Created security groups, **AMI’s**, **EBS and EBS snapshots** etc.. & Cross zone AMI and EBS snapshot sharing.
* Used spot instances for Auto scaling groups.
* Worked on **S3 bucket** replication and also S3 bucket life-cycle to make sure data lifecycle is optimal. Have strong knowledge regarding S3 buckets, used AWS CLI with regards to S3.
* Hands-on experience with cloudwatch, application log monitoring, EC2 health monitoring, created dashboards for better view.
* Having knowledge on implementing and writing **Terraform stacks** in AWS for Infrastructure automation.

**EDUCATION**

* MSBTE Diploma in year 2015-16.
* Graduated from Amravati University in year 2020.

**TECHNICAL SKILLS**

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| **Version Control System tools** | GIT & GITHUB |
| **Operating Systems** | Windows and Linux flavors like Ubuntu, RHEL. |
| **Configuration Management** | Ansible |
| **Scripting** | Shell Scripting, Declarative Pipeline (Groovy Sandbox),  Docker (YAML), Ansible (PLAYBOOK), Kubernates (MANIFEST) |
| **Build Tools** | Maven, Python Build tool |
| **Servers** | Nginx, Apache2, Tomcat9 |
| **Container orchestration tool** | Docker, Kubernates. |
| **Continuous Integration Tools** | Jenkins |
| **Containerization tool** | Docker |
| **Monitoring Tool** | Cloudwatch, Cloudwatch-Insights, Cloudtrail. |
| **Ticketing Tool** | JIRA |
| **Infrastructure as a code** | Terraform |

**CAREER PATH**

* Working as a **Devops Engineer** in Knowledge Sprint Technologies India Pvt Ltd, from – December 2021 --Till Date.

Project Name **:** Simility

Client : Simility Inc

Role : Associate Devops Engineer

Duration : Since Dec 2021

Environment : DEV,QA,UAT

Tools : AWS cloud, Docker, Jenkins, Ansible, Git, Python

# Description:

Simility provides a holistic, end-to-end fraud and decisioning platform to empower businesses battling to contain fraud in a digital-first world. It’s a powerful, highly usable platform which enables organizations to make data- driven decisions and grow faster. Simility provides businesses with the flexibility to adapt as fraud evolves, ensuring that those on the frontline always have the information they need to make the right decisions.

# Roles and Responsibilities:

* Deploy Simility Application to new client on **AWS** cloud
* Usage of tools – Git and Github, Jenkins, Docker, Configuration management tool Ansible.
* Install all prerequisite software on Ubuntu & RHEL 7 servers
* Deploy code from Ansible CM to Ansible hosts
* Write Ansible inventory files.
* Execute ansible playbooks on ansible hosts
* Configure multiple Ansible hosts on AWS cloud using EC2, VPC.
* Configure AWS Internet Gateway, Elastic IP
* Configure and install Web server Nginx, Apachehttpd
* Create jobs in Jenkins for backups and deployment as well as to improve code quality using sonarqube
* Setup Distributed build system, configure Jenkins Master and slave
* Push code changes to GitHub using git
* Manage File permissions and package management.

Name : Harshad Jogi Location : Pune