Devops Engineer- Pune	
Candidate Name	Hamsrala Vaishnavi
Current Company	Infosys Limited
Current Designation	DevOps Engineer
Current Location/Native	Hyderabad
Education	B.Tech
Experience	4.4 Years
Reason for change	Done with project.

Name: Hamsrala Vaishnavi
Email: hamsralavaishnavi@gmail.com
Mobile: +91-9581438090

Career Objective:

To apply the knowledge that I have accumulated from the experience and to achieve advanced skills regarding new technologies applied in our industry, and to acquire knowledge to achieve a Lead position in a professional multinational organization in the field of System Administration.

Professional Summary:

- Having **4.4 years** of IT industry experience as a **DevOps Engineer**
- Experience in **Linux** operating system. Set up **Passwordless SSH Authentication**
- Extensively worked with version controlling system **GIT**
- Creating **GIT Branches** , **Tags** for new releases and **Merging** process
- Experienced with **CI (Continuous Integration)** and **CD (Continuous Deployment)** methodologies with Jenkins build tools
- Managing CI tools like **Jenkins** and creating Jenkins jobs as per customer request
- Experience in creating **master-slave** setup for Jenkins
- Creating **user accounts** and providing passwords to the developers using **Jenkins**
- Automated **multi branch pipeline jobs** using **Groovy Script** based **Jenkinsfile** for working on multiple functionalities parallelly
- Automated **Scripted** & **Declarative pipeline** using **Groovy Script** for code deployments
- Strong knowledge in remote management of servers using configuration management tool **Ansible**
- Experience in writing **SHELL**, **YAML, GROOVY** scripts
- Experience in creating **Ansible playbooks** and **Ansible roles** for configuring applications like Tomcat, Apache..etc
- Experience in Installing, configuring and maintaining **Apache/Tomcat** Application Servers
- Configured **Tomcat** server and defined user credentials in **tomcat-users.xml**
- Launching and Configuring of Amazon **EC2(AWS)** cloud services using **AMI's (Linux/Ubuntu)** and configuring the servers for specified applications
- Experience in creating and configuring **AWS EC2** instance and attaching it to **VPC**
- Hands on experience in creating and configuring **S3** bucket and attaching it to **EC2** instance
- Excellent knowledge in creating environment setup using **Docker**
- Experience in creating development, testing, production environments, multi container architecture using **Docker compose**

- Having good knowledge on creating customized docker images based on organization requirements using **Dockerfile**
- Hands on experience on performing container orchestration through **Docker Swarm**
- Hands on experience on **Docker Volumes**, **Docker Networking**, **Docker Stack** and **Docker Secrets**

IT Skills:

- Operating Systems   :   Linux
- Version Control System Tool   :   Git
- Configuration Management Tool :   Ansible
- Continuous Integration   :   Jenkins
- Containerization Tool   :   Docker, Kubernetes
- Cloud Services   :   AWS
- Build Tools   :   Maven
- Application Servers   :   Apache Tomcat
- Scripting   :   Shell, Yaml, Groovy

Education:

- **B. Tech in Computer Science and Engineering completed from Vignan Institute Of Technology and Sciences affiliated to JNTU with 74.46%.**

Work Experience:

From November 2018 to till date	Infosys Limited

PROJECT SUMMARY:

PROJECT1:

Project Name : **Macy's online retail store**

Role   : **Devops Engineer**

Technologies : **Linux, Git, Jenkins, Ansible, Docker, AWS**

Responsibilities:

- Managing **GIT** repositories using various git commands
- Create and maintain fully automated **CI/CD** pipelines for code deployments
- Administration and Implemented CI tools Hudson and Jenkins for automated builds
- Extensively worked with automation tools like **Jenkins** to implement end to end automation
- Writing inventory files and **Ansible** configuration files
- Perform build activities using Jenkins tool
- Coordinate/assist developers with establishing and applying appropriate branching, Labelling/naming conventions using GIT source control
- Analyze and resolve conflicts related to merging of source code for GIT
- Responsible for designing and deploying best SCM processes and procedures
- Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads
- We work very closely with Developers and Build & Release team
- We setup Jenkins server & nodes for build and release team as per request

- ➢ Application Deployment and Environment Configuration using Ansible
- ➢ We are recently working on **Docker** and have successfully setup a Dev & Test environment for Developers and testers by using Dockers build & compose
- ➢ Good experience in Docker like creating Docker images Docker Containers
- ➢ Supported and developed tools for integration, automated testing and release management
- ➢ Expertise in using build tools like Maven for the building of deployable artifact such as war and jar from source code
- ➢ Work in close coordination with the development and support team such that the application is in line with performance and scalability expectations of customers

From Aug 2016 to October 2018	L&T Infotech

PROJECT2:

Project Name :   Rannsolve Inc

Role   :   Devops Engineer

Technologies   :   Linux, Git, Jenkins, Ansible, Docker, AWS

Responsibilities:

- ➢ Created automated post jobs and automated testing process
- ➢ Creating **CI/CD** pipelines by integrating Jenkins with Git.
- ➢ Responsible for end to end Docker components support
- ➢ Created Jenkins jobs for CI & CD process
- ➢ Automate the build and Deployment Process Using Maven, Git and Jenkins
- ➢ Branching, Tagging, Release activities on Version Control Tool Git
- ➢ Created nodes in Jenkins for load balancing and created user accounts and giving permissions to users in Jenkins
- ➢ Creating new jobs in Jenkins and managing the build related issues
- ➢ Installing Plug-in in Jenkins as per project requirements
- ➢ Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using GIT source control
- ➢ Responsible for design and implementation of policies, branching methodologies
- ➢ Configured and maintained Jenkins to implement CI process and integrated the tool With Maven to schedule the builds and automated the deployment on the application servers using the "Deploy to Container" plugin for Jenkins
- ➢ Installing, configuring and maintaining different tool using Configuration management tools like Ansible
- ➢ Performed **Load Balancing**, **Scaling**, **Rolling updates**, fail over scenarios of using Docker Swarm
- ➢ Implemented CI/CD stages via **Ansible Playbook**
- ➢ Experience in using Tomcat application servers for deployments

Personal Details:

Date of Birth   :   17th September 1993
Languages Known   :   English, Hindi & Telugu
Address   :   Nagole, Hyderabad

Declaration:

I, hereby declare that all the statements made above are true, complete and correct to the best of my knowledge and belief

Date
Hyderabad   (Hamsrala Vaishnavi)