

Charishma Jetty



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Hyderabad, India

Objective

A motivated and dedicated individual with in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope to develop my own skills.

Professional Summary

- Having **2+ years of professional experience** as Software Engineer in Devops tools and application configurations, building, automating, managing and releasing the codes from one environment to another and deploying to the servers
- Having **1 year of experience** as system admin
- Experience in branching, merging and maintaining the versions using the SCM tool **Git and GitHub**
- Extensive experience with software Build automation and standardization tool **Maven**
- Good exposure in **CI (Continuous Integration) and CD (Continuous Deployment)** strategies
- Good knowledge of creating and managing partitions and extending the swap space
- Configured **Jenkins** jobs with different Plugins for Continuous Deployment to accomplish the complete **CI/CD** Automate the Build Process Using Jenkins jobs and Verify Deployments logs to check for successful deployments
- Hands on experience with the configuration tool **Ansible**
- Experience in creation of the **Docker containers** and create custom **Docker** images using docker files for easier replication on environments like Dev, QA and local machines
- Hands on experience in configuration management tool like **Ansible**
- Worked on configuration management tools like **Chef**
- Having Experience in Simple **Ansible YAML** scripts and playbooks in Ansible to configure the servers
- Knowledge on Scheduling automated jobs by using **CRONTAB**
- Experience in administrating Linux, Experience in Installation, Configuration, Backup and Restore, Maintenance, Support, Management of **Linux OS (RHEL, CentOS, Ubuntu)**
- Ability to work with **AWS EC2 and VPC Services**
- Having Knowledge of Creating snapshots to take backups of the volumes and images to store launch configurations of the **EC2 instances**

Skill Set

Version Control Tools	- Git, Github
Build Tools	- Maven
CI/CD tools	- Jenkins
Configuration Management Tools	- Ansible, Chef
Containerization Platform	- Docker, Kubernetes
Scripting	- Shell scripting & Yaml
Operating System	- Linux, Ubuntu, CentOS
Tracking Tools	- Jira
Cloud Technologies	- AWS (S3, EC2, VPC, EFS, ELB, CloudWatch)

Professional Experience

10/2018 – present
Bangalore

Centurion Software Solutions Private Limited
Software Engineer

Project name: RDM, Sahamathi

Role: DevOps Engineer from Oct 2019

- Design and develop Continuous Integration and continuous deployments with tools like **GIT, Maven, Jenkins, Ansible, Docker, Kubernetes**
- Configuring **Jenkins with GitHub** to automate the integration, when source code is pushed and notify the errors of developers
- Installation and configuration of **Git** merging code from develop branch to master branch and make it ready for deployment
- Deployed and orchestrated the applications with **Kubernetes**
- Worked on **Jenkins** by installing, configuring and maintaining for the purpose of **continuous integration (CI)** and for End to End automation for all build and deployments
- Managing **GitHub** repositories by pulling, commit, update codes
- Created **Continuous integration and continuous deployment** flow, Deploying applications in tomcat server
- Handle multiple builds from Various teams, create build jobs in **Jenkins**
- Used **Ansible** as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change
- Created **Docker** images, **Docker containers** and pushed to **Docker hub Registry**
- Setup and attached **EBS volumes to EC2 instances**
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade **AWS resources (CPU, Memory, EBS)**
- Configuring **S3 bucket** with restricted policies
- Changing ownership to users and restrict the users by using **Access Control List (ACL)**
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade **AWS resources (CPU, Memory, EBS)**
- Managing **User and Group administration** like creating, deleting user accounts.
- Scheduling the tasks by using **CRONJOB** for different environments.

Education

Hyderabad, India

BTech (Civil Engineering)
CMR College of Engineering and Technology (JNTUH)

Declaration

I hereby declare that the facts given above are genuine to the best of my knowledge and belief.

CHARISHMA JETTY