MK PARVEZ

DevOps Engineer

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**CI/CD | Version Control | Configuration Management | Containerization | AWS**

# Professional Summary

Passionate DevOps Engineer with around 3+ years of dedicated experience in optimization and continuous improvement of the application delivery process. Highly adept at understanding software development to quickly deliver on schedule. Good experience in implementing DevOps strategies for various environments of Linux and Windows servers along with adopting cloud strategies based on AWS.

# Core Qualifications & Skills

* Experience in using **Git**, **Jenkins**, **Ansible**, **Docker** and **AWS** services in which reduces the effort of developer and operation teams in performing maintenance in daily operations.
* Good hands-on knowledge of Source Code Management (Version Control System) and Maintenance of source code in **GIT**.
* Having good exposure in Continuous Integration, Continuous Deployment/Delivery.
* Expertise in Installing, Configuring and Administering Jenkins in Linux and windows machines.
* Experience in creating nodes in Jenkins, which distributes the loads and run the jobs in parallel.
* Experienced in using **Jenkins** as a **Continuous Integration** server to Configure with GitHub and **Maven**.
* Hands on Experience in automating **CI/CD pipeline** using Jenkins.
* Configured **Docker** containers for deploying applications on the fly.
* Experience working on **Docker hub**, creating Docker containers, images and handling multiple images primarily for middleware installations.
* Created and maintained multiple customized containers utilizing **Dockerfile**.
* Experience in Adhoc commands and creating roles in **Ansible** for Reusability and Scalability.
* Good hands-on knowledge in **Configuration Management** utilizing **Ansible**.
* Experienced in configuration management and automation utilizing Amazon Web Services (AWS), Jenkins, Ansible, Git, GitHub and Tomcat.
* Good at writing **Playbooks** for installing the packages like Apache, tomcat, MySQL, nginx in linux machines.
* Setup and built AWS infrastructure using various resources like VPC, EC2, RDB, S3, IAM, EBS, Security Groups, Auto Scaling, SES, and SNS.
* Excellent communication and interpersonal skills with great passion and ability to learn new technologies quickly.
* A highly motivated team player who can work efficiently to deliver the product on schedule.

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| **Version Control** | Git, Github |
| **CI/CD** | Jenkins |
| **Configuration Management** | Ansible |
| **Containerization** | Docker |
| **Monitoring** | Nagios |
| **Cloud** | AWS |
| **Operating Systems** | Cent OS, Ubuntu, Windows |
| **Ticketing Tool** | JIRA |

# Professional Experience

## #2 DevOps Engineer | ZETTAMine Labs pvt ltd | JAN 2018 – present

**Roles & Responsibilities**

* Created Ansible Controllers/ Masters and nodes via CLI.
* Installed and configured the configuration management tool Ansible for Automation.
* Developed Ansible playbooks to manage systems configuration.
* Written Ansible playbooks to automate the installation of Middleware Infrastructure like Apache Tomcat and configuration tasks for new environments etc.
* Enabling customers to manage better software development, deployments, and infrastructure with tools such as Ansible, Jenkins and GitHub.
* Defined dependencies and plugins in Maven pom.xml for various activities and integrated Maven with GIT to manage and deploy project related tags.
* Automated CI/CD pipeline using Continuous Integration tool Jenkins.
* Integrated GIT into Jenkins to automate the code checkout process.
* Working in DevOps group running Jenkins in a Docker container.
* Created and maintained multiple customized containers utilizing **Dockerfile**.
* Good hands-on experience in installing and configuring Continuous Integration tool Jenkins for build and deployment automation.
* Used security groups to ensure high security for control applications.
* Used Amazon IAM to grant fine access of AWS resources to users. Also managed roles and permissions of users to AWS account through IAM.
* Designed highly available and cost effective systems using multiple EC2 instances.
* Having knowledge on monitoring tool **Nagios** for monitoring the performance, networking and hard drives status.

## #1 DevOps engineer | gALAXe sOLUTIONS | OCT 2015 – DEC 2017

**Roles & Responsibilities**

* Maintenance of source code in GIT. Extensive experience in using Version control systems includes GIT and GITHUB.
* Responsible for continuous integration and continuous delivery using Jenkins.
* Automated Continuous Build and Deploy Scripts for Jenkins Continuous Integration tools.
* Implementation of pipelines as code using JenkinsFile.
* Creation of Jobs, managing slaves, Job scheduling and working with plugins.
* Automated CI/CD pipeline using Continuous Integration tool Jenkins.
* Experience with container-based deployments using Docker, working with Docker images, Docker HUB and Docker registries.
* Worked on creating Docker containers and Docker images for managing the application lifecycle.
* Involved in designing and deploying multiple applications using the AWS cloud infrastructure focusing on high availability and auto-scaling of the instances.
* Maintained the user accounts IAM Roles and setting up VPC, SES, SQS and SNS services in AWS cloud.
* Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing for our QA and UAT environments as well as infrastructure servers.
* Involved in Monitoring of EC2 instances using Nagios.
* Defined branching, labeling, and merge strategies for all applications in Git.

# Education

## Bachelor of TECHNOLOGY - Computer Science

## jntU, Ananthapur