**Venkatareddy Janga**

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**Professional Summary**

“**DevOps Engineer**” with **4+ years** of experience in **Git, Git Hub, Maven, Gradle, NPM, Jenkins, Ansible, Docker, Docker Swarm, Sonarqube, K8S, Flipkart artifactory, Jfrog, AWS(Amazon web service), FCP(Flipkart Cloud Platform), SDLC Service.**

* Having Experience in automating build and deployment workflows using **MAVEN, GIT** and CI tool **Jenkins .**
* Extensive hands on creating new Jenkins build jobs, plug-in installation, setting up distributed builds using master and slave concepts, migrations, Backup, Test case integrations.
* Extensive Experience in **Jenkins master-slave** for multi machine builds
* Hands on experience with code quality tools like **Sonar Qube**.
* Configuring Docker containers and creating **Docker files** for different environments.
* Hands on experience on **Docke**r clustering with **Docker swarm**
* Good knowledge on **Docke**r clustering with **Kubernetes**
* Having Knowledge in writing **K8S** manifesto files for creating **PODS, Replica-sets** and **Services**.
* Good Knowledge on Installing and configuring Ansible and writing playbooks for automating infrastructure and application deployment.
* Written Playbooks for installing Tomcat server and **Nginx** server.
* Worked on Docker and **Ansible** Deployment automation and execution on QA environments.
* Good hands on knowledge in creating GIT Branches, Tags and merging the source code between different branches.
* Performed continuous Build and Deployments to multiple environments like **Dev**, **QA**, Performance and **UAT**.
* Managed Daily Builds and Releases to QA and worked with development and QA teams to troubleshoot and resolve the issues.
* Configured daily builds, code coverage and automated test cases in Jenkins.
* Daily activities including, delivering daily and nightly builds for the scrum teams, supporting SCM requests, maintaining code stability using CI methodologies, code merging, deployments and troubleshooting other day-to-day issues.
* Modified Existing build scripts for automating build process.
* Good Understanding in writing Maven pom.xml files, dependencies and automation.
* Good Working knowledge in Unix/Linux Operating System. Extensively worked on RHEL and Debian
* Good knowledge in AWS Cloud services like **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53 and Auto scaling.**
* Extensive working knowledge on **IAM** users, groups, roles and policies
* Hands on experience in creating of public & private subnets using **VPC**
* Implemented **Security group** for Inbound/Outbound access
* Creating S3 Buckets and writing bucket policies to the specified users.
* Hands on experience in FCP Cloud services **like Instances template creation , Instance creation with setup scripts, ELB, D42**
* Hands on experience in **Flipkart Artifctory** with different Tech stacks like Java, Node Js, Python , Scala,Gradle

**Technical Skills**

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| --- | --- |
| **Operating Systems** | Linux |
| **Configuration Management Tools** |  Ansible |
| **Build and CI Tool**  | Maven, Gradle, NPM, Jenkins  |
| **Version Control Tool** | Git |
| **Containerization & Orchestration** | Docker, Docker Swarm& Kubernetes |
| **Monitoring Tool** | Nagios, Grafana |
| **Artifactory** | Flipkart artifactory, JFrog |
| **Application Server** | Tomcat, Nginx |
| **Remote Connectivity** | Putty, SSH, Gitbash |
| **Cloud Computing** | AWS, FCP(Flikart cloud Platform) |

**Academic Qualification**

* Bachelor of Technology in computer science Engineering, JNTU, Hyderabad.

**Work Experience**

* Working as a DevOps Engineer in **Flipkart**, Bangalore from June 2019 to till date.
* Worked as a Associate Software engineer in Genpact, Bangalore from July 2016 to May 2019

**DevOps Engineer June 2019 to Till date**

**Roles & Responsibilities**

* Setup and build FCP(Flipkart cloud platform) infrastructure, related to various resources Capacity creation, ELB, D42
* Managing Continuous Integration using **Jenkins**
* Integrating Maven with Jenkins, build the code and deploy the artifacts into Artifactory Repository
* Setup and maintain system-monitoring performance using Nagios.
* Created Docker images using Docker file to support containerization of applications
* Writing Docker files for easier replication of DEV, QA Environments in local machines
* Setting up and maintaining volumes of Docker Containers as a backup
* Orchestrating **Docker** Containers using **Docker Swarm**
* Managed servers on the Flipkart Cloud Platform (FCP) platform instances using Ansible Configuration management
* Writing Playbooks to automate infrastructure using Ansible
* Implemented Ansible to manage all existing servers and automate the build/configuration of new servers
* Configuring the "crone tab" for nightly build and deployment.
* Involved in Branching, Tagging of code delivery at required releases
* Involved to Deploy the the debian files in Deployment service.
* Involved in automation of deployment and configuration process.
* Taking care of deployments using Docker and Ansible.
* Setting-up workstation, Ansible Server and managing complete environment.
* Supported product release management and patch set release.
* Prepared release notes, test report and other artifacts for delivery
* Monitored product lines for a failure and reported issues to teams after first level analysis
* Released builds to complete testing and review, Continuous integration using Jenkins

**Environment:** Jenkins, Maven, Gradle, NPM, SonarQube, Flipkart artifactory, Docker, Docker swarm, Ansible, FCP(Flipkart Cloud Artifactory), Git, Github,SDLC Service.

**Project Name: Fk-Build**

**Client : Flipkart Internet pvt Ltd.**

**Devops Engineer July 2016 to May 2019**

**Roles & Responsibilitie**

* Setup and build AWS infrastructure, related to various resources VPC, EC2, S3, IAM, EBS, Security Group and RDS
* Managing Continuous Integration and Continuous Delivery (CI/CD) using **Jenkins**
* Integrating Maven with Jenkins, build the code and deploy the artifacts into Artifactory Repository
* Setup and maintain system-monitoring performance using Nagios.
* Created Docker images using Docker file to support containerization of applications
* Writing Docker files for easier replication of DEV, QA Environments in local machines
* Setting up and maintaining volumes of Docker Containers as a backup
* Orchestrating **Docker** Containers using **Kubernetes**
* writing **K8S** manifesto files for creating **PODS, Replica-sets** and **Services**
* Managed servers on the Amazon Web Services (AWS) platform instances using Ansible Configuration management
* Design roles and groups for users and resources using AWS Identity Access Management (IAM)
* Increasing EBS backed volume storage capacity when root volume exceeds limit using AWS volume feature
* Writing Playbooks to automate infrastructure using Ansible
* Implemented Ansible to manage all existing servers and automate the build/configuration of new servers
* Configuring the "crone tab" for nightly build and deployment.
* Involved in Branching, Tagging of code delivery at required releases
* Involved to Deploy the War files in Apache Web server
* Involved in automation of deployment and configuration process.
* Taking care of deployments using Docker and Ansible.
* Setting-up workstation, Ansible Server and managing complete environment.
* Supported product release management and patch set release.
* Prepared release notes, test report and other artifacts for delivery
* Monitored product lines for a failure and reported issues to teams after first level analysis
* Released builds to complete testing and review, Continuous integration using Jenkins

**Environment:** Jenkins, Maven, SonarQube, Jfrog, Docker, Kubernetes, Ansible, Nagios, AWS, Git

**Project Name: Target.com**

**Client : Target India pvt Ltd.**