Ramu Banavath
DevOps Engineer

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CAREER OBJECTIVE:

Seeking a DevOps position where a background in the design, implementation, and deliverance of software and infrastructure can be used within the industry to secure performance, latency, and efficacy.

Summary& Highlights:

- An erudite professional with zeal to make a winning career in advanced technologies.
- Well-versed with DevOps tools like Version control systems- GIT, build tools such as Maven, Continuous Integration tools like Jenkins, Configuration management tools like Ansible, Cloud computing tools like Amazon Web services (AWS) Monitoring tool like Nagios and Containers and microservices such as Dockers and Kubernetes.
- Proficiency at grasping new technical concepts quickly & utilizing it in a productive manner.
- Believes in continuous learning and possesses an innovative approach.
- Possess analytical thinking and innovation &problem-solving ability.
- A quick learner with the ability to work under pressure and meet deadlines.

Professional Experience:

- Currently working in Infosys, Pune as a Software engineer from Dec 2018 to date.

Qualification:

B.Sc Computer from Mahatma Gandhi University

Profile Summary

Having 3+ years experience as DevOps Engineer works to improve software development and release lifecycle efficiencies by modernizing our processes & workflows and building a robust Continuous Integration/Deployment pipeline.
Experience in working on a Windows and/or Linux production platform
Extensive experience in the design and implementation of Continuous Integration, Continuous Delivery, Continuous Deployment and DevOps processes for agile projects.
Working closely with offshore colleagues and providing support and advice on best practices for SCM and building automation
Extensively worked with Version Control Systems like SVN TFS and BitBucket
Excellent experience with Team Foundation Server Version control systems Administration.
Experience in Continuous Integration and Continuous Delivery methodologies by using Jenkins, Maven, GIT, Tomcat, and Ansible.
Experience in Build Management tools such as Jenkins, Maven.
Extensive Experience in Jenkins master-slave for multi-machine
builds.
Hands-on experience with SCM tools like GIT for Branching, Tagging, and Version management

Hands-on experience with code coverage tools like Sonarqube.

Hands-on experience with Configuration Management Tool Ansible.

Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins and Ansible **.**

Hands-on experience on Module for the automation using **Ansible.**

Hands-on experience in **Docker** and **Kubernetes**

Extensive knowledge on log-monitoring using **EFK**

Project details:

Project Title: Vodafone One Portal
Client: Vodafone -New Zealand
Environment: Java/J2EE, Github, Web Logic, Linux, Jenkins, Shell Scripting, Maven, Jira, Nexus, Artifactory
Duration: 2019 Dec to date
Designation: DevOps Engineer

Roles & Responsibilities

- Responsible for building and deploying the artifacts into DEV, SIT, and QA Environments.
- Management of Customer Requirements and documentation of the Project Plan as per the requirements.
- Responsible for designing and deploying the best **SCM** processes and procedures.
- Updated Release reports from change management control.
- Maintained and Administered **GIT**HUB Source Code Tool.
- Created Branches, Labels and performed Merges in Stash and **GIT**HUB.
- Developed build and Deployment Scripts using **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
- Implemented **Maven** builds to automate JAR and WAR.
- Installed and administered Artifactory repository to deploy the artifacts generated by **Maven** and to store the dependent jars, which are used during the build.
- Integrated **GIT**HUB into Jenkins to automate the code check-out process.
- Used **Jenkins** for Automating Builds and Automating Deployments.
- Managed Build results in **Jenkins** and deployed using workflows.
- Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
- Developed automation and deployment utilities using **Ruby**, Bash, Power**Shell**.
- Worked closely with software developers and DevOps to debug software and system problems.

Project details:

Project Title: Ecommerce
Client: Kohls
Technologies : Linux,Maven,Jenkins,Tomcat,Shell script,Ansible,Docker,AWS
Duration: 2018 Dec to Nov 2019.
Designation: Build and Release Engineer

Roles & Responsibilities

- Managed the roles for SCM Administrator and Build engineer in this project.
- Creating New Repository and branches in Gerrit.
- Setting up the new build environment for various products in the Linux environment implemented the Release practice and was responsible for pushing builds into DEV/ QA /Pre-Production environments.
- Recommendation of SCM/Build/Release Process.
- Involved in scheduling the automated build called Nightly Builds in Jenkins.
- Interacting with developers to sort out issues related to Build Automation.
- Creating the Jenkins Jobs.
- Maintaining Deployment guides for each release.
- Uploading the artifacts in the Nexus repository.
- Managing/Tracking the status of the defect using Jira.
- Involved in Jenkins Administrator.
- The project involved the usage of maintaining repository and version controlling.
- Continuous improvement of SCM process
- Involved in Branching, Tagging of code delivery at required releases.
- Co-work with the globally distributed development team to fix the Build related issues.
- Development of shell scripts for automation of existing manual processes.
- Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the dev team.
- Involved in Application support end to end and troubleshooting the issues reported by the QA team.

Technical Skill Set

Configuration Management: Ansible
Containerization Tool: Docker and Kubernetes
Cloud: AWS
CI Tool: Jenkins, Maven, and Ant
Version Control: Git and Subversion
Code analysis: Sonarqube
Monitoring: Nagios and Prometheus
Application servers: Tomcat
Operating Systems: Linux, Ubuntu, Windows
DBMS: Mysql
Scripting: Shell (bash), Python