**BHARATHI MUPPALLA**



**DevOps Engineer**

**Mobile 9553028813 Email-** [**bharathimuppalla@gmail.com**](mailto:bharathimuppalla@gmail.com)

* **3 + Years of Experience in Build and Release and DevOps Engineering, Cloud Engineer in Automating, Building, Deploying, and Releasing of code from one environment to another environment.**

**Professional Snapshot**



* Created SCM Process, Policies, Procedures and Release Notes to follow Development andAllow QA teams to Release or deploy highest quality product for the enterprise.
* Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes **Amazon Web Services, Maven, Jenkins, Git, nexus, Chef, Ansible, Docker, Tomcat, and Linux** etc.
* Experience in several AWS services **EC2, VPC, S3, Auto scalingconfigurations , EBS Volumes, Snap Shots** etc.
* Installed and Configured – HTTPD, Apache Web Server & Tomcat on **Linux**.
* Experience in building and deploying applications and troubleshooting the build and deploy failures.
* Experience with administrative tasks with CI tools like maintaining configurations and backups and maintain high availability.
* Coordinated with the Offshore and Onshore teams for Production Releases.
* Ability to work successfully as part of small to medium sized team or independently.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Excellent communication, interpersonal, analytical and quick problem-solving skills.
* Hands on experience on remote tools **SSH, SCP, WinSCP and Putty**.
* Deploying, configuring, managing, Master and Agent machines using **chef**.
* Configuring and maintaining Chef Master Server, creating modules and pushing them to chef clients.
* Strong use of **Shell scripting** languages including **BASH for Linux**.
* User Administration in Linux such as adding a new user account, modifying, deleting user account and granting sudo access based on the requirement.
* Good hands on to support for multiple environments and as well as communicating with different teams.
* Knowledge on **AWS EC2** instance provisioning and orchestration.
* Hands on experience in daily activities like Disk Management and User Management issues.
* Utilized Linux admin skills on deployment servers to make sure the servers are up and running as expected.
* Managing artifacts repositories by using **Nexus Repository Manager**
* Participated in release level discussions and gone through the total SDLC and Agile process.
* Proficient knowledge on machine provisioning and orchestration using

**Technical Competencies/ Skills**



* **Cloud Technology** : Amazon Web Services
* **Operating Systems** : Ubuntu, RedHat, Windows 7 & 10
* **Version Control Tools** : GIT, GitHub, GitLab
* **Build Management Tools** : Maven
* **Application Servers** : Apache Tomcat
* **Web server** : HTTPD, Apache2, Nginx
* **Continuous Integration tools** : Jenkins
* **Configuration Management tools** : Ansible, Chef
* **Containerization tools** : Docker

**Educational Qualifications**

* **B.TECH** (ECE) from JNTU KAKINADA University in, Guntur, 2015.



**Work experience**

**Designation- DevOps Engineer**

**Project- DevOps Support for Leading US Leading Bank**

**Roles &Responsibilities: -**

* Developed and implemented **Software Release Management** strategies for various applications according to the agile process.
* **Installed, Configured** and **AdministeredJenkins** as a continuous integration tool.
* Developed build and deployment scripts using **Maven** as build tools in **Jenkins** to move from one environment to other environments.
* Developed automation framework for **Application Deployments** to the cloud environments.
* Configured **Docker** container for branching purposes.
* Worked on **Docker** containerization. Configuring the **Docker** containers and creating Docker files for different environments
* Implemented **AWS** services using **EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups,Optimized volumes** and **EC2** instances.
* Deployed **Ansible** for configuration management to existing infrastructure and to automate Configuration management
* Performed **Branching, Tagging, Release Activities** on **Version Control Tools**: **GIT, GIT HUB**.
* Supported and developed tools for **Integration**, **Automated Testing** and **Release Management**.
* Responsible for **User Management, Administration, Group Management, Slave Management, new job** setup in **Jenkins**.
* Implemented rapid-provisioning and life-cycle management for **Ubuntu Linux** using **Amazon EC2Instances.**
* Performed and deployed **Builds** for various environments like **QA, Integration, UAT** and **Productions Environments**.
* Responsible for defining **Branching & Merging** strategy, **check-in policies, improving code quality,automatedGated Check-ins**, defining backup and archival plans.
* **Organized** and **CoordinatedProduct Releases**, work closely with **Product Development, QA,Support** across global locations to ensure successful releases.

**Environment:** AWS, Git, GitHub, Maven, Docker, Jenkins, Apache Web-server, Tomcat, Linux, Ansible, MySQL

**Designation- DevOps Engineer Mar2015 – Nov 2016**

**Project- DevOps Support for Leading US Leading Bank**

**Roles & Responsibilities: -**

* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using **Chef**
* Used Maven as a build tools on java projects for the development of build artifacts on the source code.
* Managed **GIT** Hub Enterprise and Automated current build process with **Jenkins** with proposed Branching strategies to accommodate code in various testing cycles.
* Updated existing shell scripts to reflect GIT changes
* Updated all the Jenkins Continuous Integration jobs, dependent jobs, snapshot jobs, release jobs, DB deployment jobs to reflect GIT changes
* Installed and Configured Jenkins and Jenkins slave machines.
* Implemented DB deployment jobs from **Jenkins**.
* Implemented multi-parallel jobs in Jenkins which does CI, packaging, Sonar job and deployment job to difference environments such as DEV, TEST and PROD
* Utilized Linux Admin skills on deployment servers to make sure the servers are up and running and user, group activities.
* Designed and written script for various deployment like QA, IT, Prod
* Responsible for continuous Integration(CI) and continuous Delivery(CD) using Jenkins.
* Responsible for view creations and setting up of config spec according to the project requirement.
* Create **Chef Recipes**, automation tools and builds, and do an overall process improvement to any manual processes.
* Written multiple **cookbooks** in **Chef**.
* Using web-frontend altered configuration data in chef's node database.
* Created chef (data bag) driven configuration of user accounts.
* Responsible for creating Labels, jobs, nodes in Jenkins.
* Perform the Local Build & provide the latest Baseline & Branch for the development activity
* Deployment of the Business processes by creating WAR File to Tomcat Application Server
* Handled projects from compilation to delivery of software components

**Environment:** AWS, Git, GitHub, Maven, Docker, Jenkins, Apache Web-server, Tomcat, Linux, Chef, MySQL