**B. Vamsi Krishna**

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# Summary:

## Dedicated, experienced and innovative DevOps Engineer with proven expertise in

software configuration & release management, building & deploying software , process creation, automation & control & environment management activities in Web Based Application

#### Having 3.6 years of experience in **IT** industries with Professional Development, Automation of Build, Deployment and Release Management.

* Administered version control tools like Git and GitHub.
* Experience in **SCM GIT** Branching, Merging, and Tagging and providing access permissions to the developers over branches.
* Scripting in multiple languages on **UNIX / LINUX** and **Windows** –Batch, **Shell**.

#### Hands on experience Build Tool **Apache Maven**. Experience in Creating **Maven** Builds for various projects.

* Expertise in installing and administering configuration tool **Jenkins**.
* Have good experience on configuration management tool **Ansible,** and **AWS cloud**.

#### Familiar with setting up **EC2** instances (Amazon, Ubuntu, and Centos) on cloud.

* Created automated build to deploy Snapshots & Releases to **Docker registry**.

#### Experience in development, enhance and maintain the build, deployment and configuration for **CI** and acceptance testing.

* Created users with different privileges (Read, Write, Execute etc).
* Experience in Setting up the build and deployment automation for **Terraform** scripts using **Jenkins**
* Involved in Release Level Discussions and gone through the total **SDLC** process.
* Good administration skills over Jenkins and providing on support to the developers on time.
* Written **Ansible Playbooks** to create infrastructure and deploy application code changes autonomously.
* Ability to work in tighter schedules and on different applications at the same time.
* Having hands on experience in working with AWS provided solutions like EC2, ELB,VPC, Route53, RDS, S3, IAM, and Cloud watch.
* Configured and managing S3 storage Backup & Restoration
* Monitoring the production environment using Nagios

**Professional summary:**

* Working as a DevOps Engineer for Hydes Software solutions Pvt. Ltd. from Feb 2017 to Till Date.

**Skills Set :**

Continuous Integration **:** Jenkins, Hudson.

Build Automation **:** Ant and Maven. Version Control systems **:** GIT, Subversion. Code analysis and Monitoring **:** SonarQube.

Artifact Management **:** Sonar Type

Web and Application Servers **:** Apache2.2&2.4, Apache Tomcat 7&8&9, web sphere. Databases **:** IBM DB2 and My SQL.

Scripting **:** Shell scripting, XML.

Operating Systems **:** Windows 2000, 2003, 2008, R2,2012 Linux (REDHAT 6 & 7 and Centos 6&7).

Cloud **:** AWS.

Configuration Management **:** Ansible.

Web Servers **:** Apache HTTP Server, IIS.

LDAP **:** Open LDAP.

Issues tracking Tools **:** Jira.

Container **:** Docker.

Orchestration Tool : Kubernetes.

Infrastructure Tool : Terraform

# Educational Qualification:

## Bachelor of Technology from JNTU Kakinada University, in 2016

**Projects Details:**

### Project: 2#

PROJECT / CLIENT **: SAFE AUTO.**

Domain **: INSURANCE.**

Role **:** DevOps Engineer.

Duration **:** AUG-2018 to TILL DATE.

Environment **:** GIT, Maven Jenkins, Linux, Apache Tomcat, Ansible, Docker, Kubernetes, AWS.

### Roles & Responsibilities:

* Worked in implementing the DevOps in source code management, Build automation, Continuous integration and continuous deployment and environment management.
* Achieved the end to end automation from development to production by defining the different processes, tools and scripts.

#### Fundamental mastery of the AWS cloud computing platform with different component and services like VPC, EC2, Auto scaling, Using EBS under high I/O requirements, managing application storage using Amazon S3.

* Creating snapshots, AMIs, Elastic IPs
* Worked on Integration of Ansible and AWS automation activities.
* Hands on experience in Provisioning, Orchestration, Packages, Services, configuration and Deployment using Ansible
* Creating Docker containers setup for web application deployment into different environments.
* Worked on CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools.
* Configuring jobs and pipelines using Jenkins. Troubleshoot problems arising from Build failures and Test failures.
* Involved in Code migration activities from Subversion to GIT.
* Implementation of new build and deploy tools & Process to make smooth pipeline transition from Dev to Production.
* Specialized in automating tasks and process through scripts, implementing branching models.
* Managed yum/apt build system and package repositories.
* Administrating the 100’s of servers and multiple repositories for releases and check performance to reduce the time taken in each activity.
* Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* Establishing standards for build artefact management and build configuration. Documentation of change management and best practices.
* Coordination of code merges and deployments with DEV and QA teams. Collaboration with Development, QA and other teams to ensure a smooth transition of deliverables through proper release channels.
* Collaborated with Continuous Delivery Framework Team in developing plan to implement Continuous Integration (CI) and Continuous Delivery (CD) for all components and services, and to migrate remaining Subversion projects to Git on Enterprise GitHub repository.
* Monitoring developed applications and fixed bugs.
* Created a continuous delivery pipeline from the ground up built with git, and Jenkins for Target's Finance Integration Team.
* Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting bugs and fixes; scheduled downtimes and maintenance of cluster.
* Providing direct server support during deployment and general production operations.
* Worked with developers to ensure new environments meet their requirements and are conformed to industry-standard best practices.

#### Used Docker Container for running different individual services and optimizing the infrastructure cost.

**Project: 1#**

CLIENT **: CITI BANK**

Domain **: Banking**

Role **:** Configuration Engineer.

Duration **:** FEB-2017 to AUG-2018.

Environment **:** SVN, ANT, Jenkins, Red Hat Linux, Apache Tomcat

### Roles & Responsibilities:

* Automation, integration, monitoring and configuration management.
* Streamlined applications delivery to get applications out to customers faster.
* Utilized SQL database systems.
* Interacted with supporting teams to understand client deployment requests.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Implemented continuous integration using Jenkins.
* Created repositories according to the structure required by the project needs.
* Analyzed and resolved conflicts related to merging of source code for SVN.
* Attended sprint planning sessions and daily sprint stand-up meetings. Utilize Jira for issue reporting, status, and activity planning.
* Educate and mentor the engineering team on the organization’s build systems and processes.
* Extensively used Maven tool to do the builds.
* Integrated Maven, Jenkins for the builds as the Continuous Integration process.
* Build Java code in different Jenkins servers as per the schedule.
* When required applied patches as per the release process.
* Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
* Create and maintain scripts for automating common activities.
* Conducting or supporting the deployment of software releases into development and test environments, troubleshooting release package, and deployment procedure or environment configuration issues.