**VENKATA KRISHNUDU V Email: venkatakrishnuduv@gmail.com**

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* **Objective:**
* Around 4+years of experience in IT sector in Linux administration, build engineering and release management Process, building and deploying applications by adopting DevOps practices such as Continuous development, Continuous Integration (CI) and Continuous Deployment (CD)in runtime with various tools like **Git, Maven, Jenkins, Ansible, Chef, Docker, Kubernetes** and managing cloud services with **Azure & AWS** Mainly concentrated on **ELASTIC LOAD BALANCE, AUTO SCALING,EBS), VPC, S3, IAM, RDS.**
* Utilized **Cloud Watch** to monitor resources such as **EC2, CPU memory, Amazon RDS DB services**, **EBS volumes**; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Experience in Software Configuration Management tools on Windows environment and Linux using **GIT.**
* Good experience in build tools **MAVEN**.
* Extensively worked on **Jenkins** for **continuous** **integration** and for End to End automation for all **Build and Deployments**.
* Installation, Configurations of **Jenkins for continuous integration.**
* Installed number of plugins in **Jenkins** for project requirement.
* Configured **Build** **Machines** or Nodes in Jenkins.
* Good experience in automating the process of uploading the packages from **Jenkins** using backup repository **Nexus**.
* Performing automations by using **PYTHON** and **SHELL.**
* Responsible for the design and deployment of Builds, Scripts installation procedure and systems including source code control and issue tracking.
* Integrate **Nexus Artifactory** to Jenkins and push the artifacts in art factory.
* Experienced in deploying **EAR, JAR**, and **WAR** in **Tomcat, JBoss** Application Servers in Linux/Windows Environments,
* Managing deploying and maintaining application in **DOCKER** containers by using **KUBERNETES**
* Good knowledge in creating the **Docker Images** and configuring the images in Jenkins.
* Launching and configuring of Amazon **EC2 (AWS)** Cloud Servers using **AMI's (Linux/Centos)** and configuring the servers for specified applications.
* Good communication skills (written and verbal) and Good Team player and also a self-motivated individual with analytical and problem solving skills with customer focus.
* Good experience working in **Agile** Methodology(scrum).
* **Working Experience:**
* Working as a DevOps Engineer in Intel from January 2017 to till date.
* **Educational Qualification:**
* B.SC computers – Rayalaseema university, Kurnool (2012-2015).
* **Skill Set:**

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| --- | --- |
| * **Operating Systems**
 | * **Windows, Red Hat Linux, UNIX, Centos**
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| * **Database**
 | * **MySQL**
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| * **Application Server**
 | * **Apache Tomcat**
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| * **Version Control Tool**
 | * **GIT, GITHUB, BITBUCKET**
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| * **ContinuousIntegration Tool**
 | * **Jenkins**
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| * **Configuration mgnt Tools**
 | * **Ansible, Chef,Teraform**
 |
| * **Build Tool**
 | * **Maven**
 |
| * **Scripting**
 | * **Shell and GROOVY,Python**
 |
| * **Process**
 | * **Agile (Scrum Team)**
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| * **Monitoring Tools**
 | * **Nagios, CloudWatch,Datadog.**
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| * **Cloud Environment**
 | * **AWS, GCP, AZURE**
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| * **DevOps Tools**
 | * **Git, GitHub, Bitbucket, Maven, Jenkins, Chef, Ansible, and Docker,kubernatees SonarQube.**
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| * **Operating Systems**
 | * **Windows, Red Hat Linux, UNIX**
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 **Project #:1**

 **Title : Advisor Vision**

 **Client : Advise America, USA**

 **Role : DevOps Engineer**

 **Tools Used : Maven, Git, Maven, Jenkins, Shell Scripting, Ansible,**

 **Linux, Apache Tomcat, AWS, JIRA.**

* **Description**: Aetna is the brand name used for products and services provided by one or more of the Aetna group of subsidiary companies, including Aetna Life Insurance Company and its affiliates (Aetna) this is an American [managed health care](https://en.wikipedia.org/wiki/Managed_health_care) company that sells traditional and [consumer directed health care](https://en.wikipedia.org/wiki/Consumer_directed_health_care) insurance and related services, such as medical, pharmaceutical, dental, behavioral health, long-term care, and disability plans, primarily through employer-paid (fully or partly) insurance and benefit programs.
* **Roles & Responsibilities**
* Created release branches in GIT by GIT Administration including branching, reporting
* and assisting with project and end user support.
* Responsible for Continuous Integration and Build verification test for global OEM's.
* Developed build scripts using MAVEN and Ant as the build tools for the creation of build artifacts like jar, war or ear files.
* Daily responsibilities include developing build scripts for the code integration,
* developing integration test using Python Robot test framework.
* Configured Tools like Paco, Perl, Cygwin, Python, Pycharm, Conan, CmakeSoftwares.
* Implemented SonarQube for code quality check and Nexus repository and integrated them into Jenkins to achieve Continuous Integration.
* Static code analysis Klocwork tool used to identify security, safety and reliability issues in C, C++, and Embedded.
* Experienced in Build, Deployment, and Configuration and Release management
* Worked on AWS services such as Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IP's, auto-scaling configuration, and Cloud Formation and OpsWorks.
* Experience in setting up the build and deployment automation for Terraform script by using jenkins
* Responsible for implementation of scheduled Builds using Jenkins includes installation of Jenkins, Configuration of Jobs for automated Build and deployments.
* Executing the playbooks to Ansible server and managing those Playbooks.
* Monitor and fix the continuous integration builds running in Jenkins.
* Managing all phases of Build and Release activities and deployment
* Responsible for Creating, Deploying and Posting Patches, Automating Patch Build Process.
* Worked with Subversion, Proposed and implemented branching strategy.
* Installation and troubleshooting SVN related problems.
* Coordinating with developers and testers for SVN related issues.
* Automating builds using Jenkins and Ant scripting
* **PROJECT 2**
* **Amegy Bank - Houston, TX**
* **Description:** Optum provisioning allows internal teams to provision users to get access to various organizations, services through accounts. For example, organization can be an insurance organization and services can be different types of insurance.
**Roles and Responsibilities:**
Working as a DevOps Engineer for multiple development teams, system analysis team to establish a build schedule, provide a guideline for deployment in higher environments and with troubleshooting build system failures.
 Worked for 5 scrum teams (Java, AEM, Jenkins, Ant, Maven, SVN, Git, codehub, rally, Agile methodology, cucumber scripts, fortifyscan, sonar, XL Deploy and XL Release, SharePoint, CI/CD automation from scratch, Docker, Open shift)
* Designed and built Azure V2 network infrastructure including Site to Site connection through
* Meraki VPN/Firewall appliance, with Point-To Site (V1 network connection to V2 Network) for migration of Azure VMs from classic Portal to Azure Portal.
* Deployed Active Directory domain controllers to Microsoft Azure using Azure VPN gateway.
* Generated reports by pulling Telemetry data from Azure SQL tables. Wrote custom queries to fetch the data for different time ranges, and for different ISVs.
* Wrote PowerShell scripts for .Net application deploys, service installs and for windows
* Automate processes with PowerShell scripts. DNS changes, DC builds, User management.
* Windows PowerShell development of automation and reporting processes.
* Created and wrote shell scripts (Bash), Perl, Python and PowerShell for automating tasks.
* Worked with multiple development groups to design/create automated build and deployments using MS Build, Ant, JACL, VBScript, Nant and PowerShell

Scripting.

* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment.
* Migrated SQL Server 2008 database to Windows Azure SQL Database and updating the Connection Strings based on this.
* Implemented MicroServices on OpenShift based on Docker to achieve Continuous Delivery
* Creating the Docker images and tagged them push that image for all the promotional environments for all the applications.
* Converted VB6 applications to C#.NET.
* Installing, configuring Cassandra on AWS platform.
* Configured the XL Deploy and XL Release for all the applications from scratch, once the build package is available, then promoted with simple enable options to deploy in the targeted servers.
* Designed, Installed and Implemented CI/CD automation system. Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* Implemented Maven Release Plug-in through Jenkins Jobs for deploying the artifacts to Nexus, Artifactory. Maintained Nexus for storing artifacts and for searching the dependencies of a project based on GAV coordinates.
* Managed Version Control Subversion (SVN) and GIT Enterprise; and Automated current build process with Jenkins with proposed Branching strategies to accommodate code in various testing cycles.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases Expertise in the installation, support, configuration and maintenance of RedHat/SuSE Linux,
* Maintained Artifacts in binary repositories using JFrogArifactory and pushed new Artifacts by configuring the Jenkins project Jenkins Artifactory plugin.
* Provision, for deployment, orchestration, and operations across multiple data centers and cloud providers, Core Coverage, Cloud-Specific Infrastructure and Systems and Architecture Cloud Planning
* Implemented Release schedules, communicated the Release status, created Roll Out Plans, tracked the Project Milestones, prepared the reports and chaired the Release calls and worked for a successful Releases.
* **Declaration:**
* I hereby declare that the above-furnished details are authentic to the best of my knowledge.

 **V.Venkata krishnudu**