**tavvagunta asim**

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**Overview**

Over **3.0years** experiences as a **DevOps / Build and Release**in Design, Development, optimization support and administration. DevOps Engineer understands the melding of operations and development to quickly deliver code to customers.

**work experience**

* Working as a DevOps Engineer at Franconnect Noida  **2017 to Till Now**.

**Professional Summary**

* 3.0 years of IT industry experience in Configuration, Build, Release and Deployment Management.
* Experienced in Build and Release Engineering in Automating and Deployment activities.
* Experience in DevOps tools like **GIT, MAVEN, SONARQUBE, NEXUS, JENKINS, ANSIBLE, DOCKER, KUBERNETES, NAGIOS**).
* Familiar with Source code Management tool Git.
* Good knowledge on source controller concepts like Branches, Merges and Tags.
* Good hands on experience in Build automation tools like Maven.
* Expertise Knowledge in version control system such as GIT.
* Good hands on experience in installing and configuring of Jenkins from scratch.
* Installing new plug-ins in Jenkins.
* Configured Continuous Integration (CI) tools Jenkins from scratch and managed Jenkins Plugins, created
* slave nodes created build and deployment jobs.
* Strong knowledge on GIT branching strategy.
* Automating the application deployment in Dev, QA, UAT, PTE, Pre-Prod and Production environments.
* Good knowledge on Web servers like APACHE, IIS.
* Good Knowledge on Application servers like WEBLOGIC, JBOSS, TOMCAT.
* Hosting and maintaining GIT, Jenkins and Ansible and Debugging issues if there is any failure in broken Jenkins build and maintaining.
* Having extensive knowledge on working with Linux**/**Unix.
* Good in troubleshooting the bugs generated during build and release.
* Having knowledge on JFROG ArtifactoryManager.
* Having knowledge on code quality plug-inSonarQube**.**
* Actively involved in various project requirement analysis in addition to project development.
* Hands on experience in Aws Cloud (EC2,S3,IAM,VPC, EKS, ECS, Cloudwatch,..etc)

**Educational Credentials**

* BACHELOR of **Mechanical Engineer from J.N.T.U.K UNIVERSITY**

**IT Skill Set**

**OperatingSystems : Linux (RedHat, Centos** and **Ubuntu), Windows**

**VersionControl : GIT, GitHub**

**Automation/BuildTools: :Maven, Jenkins, Ansible, Docker, Kubernetes.**

**Programminglanguages : Python**

**ApplicationServers& Web servers : Weblogic, Jboss, Tomcat, Apache,nginx**

# CodeCoverageTool: SonarQube

**Artefact repository : JFROG**

**Virtualization : Vagrant,Virtualbox**

**Monitoring Tool : Nagios**

**Cloud : AWS(EC2, VPC, S3, Cloudwatch, IAM and etc.)**

**professional Experience**

**PROJECT DETAILS:**

**Project: 2**

**Project Title :QUEST DIAGNOSTICS.**

**Client : QUEST.**

**Team size : 14.**

**Duration : OCT-2018 to Till Now**

**Role : Devops Consultant**

**Environment:**

**Devops Tools**: **GIT, MAVEN, Nexus, JENKINS, ANSIBLE, DOCKER, KUBERNETES.**

**Description:**QUEST DIAGNOSTICS is an American healthdiagnostic services company.

**RESPONSIBILITIES:**

* Create branches for various code line deliveries and merging to the main code base after every PRODUCTION release.
* Creating PROD Versions and Processes for PRODUCTION Release.
* Involving in PRODUCTION Release activities.
* Communicating with Development teams in advance for all PRODUCTION releases planned.
* Automated GIT version control related activities for releasing locks, label creation, Label validation and differences, and integrated it with Jenkins jobs.
* Schedule releases for DEV/QA/UAT Environments.
* Creating Release Note for every DEV/SIT/UAT/STAGE/PROD release.
* Setting up build server for continuous integration with Jenkins for daily/nightly and weekly based builds.
* Responsible for getting business and green zone time approvals for PROD release(s) in advance by providing the fixes/bugs information and downtime.
* Have Supported 24/7 timeline for Project and helped them in extended hours when no one was available in night shifts.
* Provisioned EC2 instances for Dedicated hosts like RHEL and Windows virtual servers.
* Created some scripts to free up the space in the VM by deleting or zipping old logs.

**Project: 1**

**Project Title : BRITISH PETROLEUM**

**Client : B.P**

**Team size : 8**

**Duration : NOV-2017 to OCT 2018**

**Role : Jr.Devops Engineer**

**Environment:**

**Devops Tools: GIT, MAVEN, JENKINS, SONARQUBE, ANSIBLE, DOCKER, Apache Application Server**.

**Description:**

**BP Amoco plc**) is multinational oil and gas company headquartered in LONDON, England.It is one of the world's seven oil and gas "supermajors", whose performance in 2012 made it the world's sixth-largest oil and gas company,

**RESPONSIBILITIES:**

**GIT activities:**

* Installing GIT.
* Creating repositories and adding users.
* Providing Access to the members who want to work on GIT Repo.
* Creating Branches and Tags.
* Merge activities and resolving conflicts raised at the time of merge.
* Maintaining Branch and tags creation in a GIT document.
* Experience in configuring GIT to the CI tool like Jenkins.
* Responsible for maintaining GIT documentation.
* Coordinating with Developers for merge issues to resolve conflicts.

**Build And Release Activities:**

* Creating War/Ear files using Maven build tools.
* Responsible for taking the build and deployment using Jenkins and Maven**.**
* Hands on experience in setting up and configuring JENKINS Tool.
* Creating maven jobs in Jenkins.
* Build and Release process automation.
* Responsible for creating the new build setup and new projects using Jenkins.
* Troubleshooting issues while taking build.
* Deploying Builds to the application servers.
* Monitoring the builds results.

**CI Activities:**

* Good experience in CI tools like Jenkins
* Deep knowledge of CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
* Configuring Jenkins with the Subversion and build like maven/ANT.
* Responsible for maintaining Multiple DevOps tools & configuring across all projects Subversion (SVN),GIT, Maven, Jenkins.
* Working experience with Jenkins automation configured with Maven and GIT.
* Adding plugins or updating plugins in Jenkins.
* Monitoring build results in Jenkins and deploying successful artifacts to the application servers from Jenkins.
* Resolving Jenkins issues.
* Help Development teams automate the environment setup using tool like Ansible.

**CD Activities:**

* Deep knowledge on CD (Continuous Deployment) methodologies.
* Hands on experience in setting up and configuring Kubernetes cluster.
* Working experience with Docker to create the Docker images.
* Working experience with kubernetes to create “deployments, pods, namespace, service” with yaml file.
* Resolving the docker and kubernetes issues.
* With the help of ansible We automate the infrastructure.

**Date:**

**Place: Noida (Tavvagunta Asim)**