

## DevOps Engineer

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### Professional Summary:

- Around 4 years of IT Industry experience with Configuration Management, Deploy, Build and Release Management, AWS and DevOps Methodologies.
- Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments.
- Experience in writing Ansible playbooks for End-to-End deployment for each environment via Jenkins delivery pipeline.
- Experience in implementing continuous delivery (CD) pipeline with Docker, Kubernetes, Maven, Ansible Jenkins, GitHub and AWS.
- Responsible in managing all aspects of the software configuration management process including code compilation, packaging, deployment, release methodology and application configurations.
- Experience working on several Docker components like Docker Engine, Hub, Machine, Creating Docker images, Docker Registry and handling multiple images primarily for middleware installations and domain configurations.
- Experience in using AWS including creating buckets, loading data into the buckets, Elastic Load Balancer, , VPC, Cloud Watch, Cloud Formation, IAM,
- Experience in using Bug tracking tools like JIRA.
- Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
- Experienced in branching, tagging and maintaining the version across the environments using Git.
- Writing Shell scripts for Automated DevOps activities.
- Involved in the functional usage and deployment of applications in and Apache Tomcat Server.
- Strong ability to troubleshoot any issues generated while building, deploying and in production support.

### Experience:

- Currently Working as a **DevOps Engineer** at **LTI MindTree**, Hyderabadh from May 2021 to Till Date.
- Worked for **Capgemini** India Pvt Ltd, from April-2019 to Apr-2021

### Technical Skills:

<b>Operating Systems</b>	<b>: Linux, Windows Server</b>
<b>Source control tools</b>	<b>: GIT</b>
<b>Build Tools</b>	<b>: Maven</b>
<b>CI/ CD Tools</b>	<b>: Jenkins</b>
<b>CM Tools</b>	<b>: Ansible</b>

<b>Tracking tools</b>	<b>: Atlassian Jira</b>
<b>Web/ Application Servers</b>	<b>: Apache, Tomcat.</b>
<b>Virtualization Tools</b>	<b>: Docker, Kubernetes, VMware</b>
<b>Monitoring Tool</b>	<b>: AWS Cloudwatch, ELK, Kibana, Netcool</b>
<b>Scripting</b>	<b>: Shell Script</b>
<b>Cloud Platform</b>	<b>: AWS</b>
<b>Infrastructure as a Code</b>	<b>: Terraform, CFN Templates</b>

### **Education:**

Diploma from JNTU Hyderabad during 2016-2019

### **Career Experience:**

**Technologies Ltd, Hyderabad, India.**

**Role: DevOps Engineer/Consultant**

**Client: Citi Bank**

**Duration: May-2019 to Till Date**

**Environments:** Linux, AWS, Cloud Formation, Maven, Git, Ansible, Jenkins, Docker, Kubernetes, Git, Terraform, Jira, Shell Scripting

#### **Responsibilities:**

- As a DevOps Engineer responsible for defining the workflow process for micro service based application Code movement from Dev to Prod.
- Designed and maintained code repository branches in GITHUB.
- Responsible for Code merging, pull requests and Conflict resolutions.
- Used Jenkins pipelines to build the Docker image creation and tagging with the Jenkins build number and date.
- Containers setup using Docker. Involved in writing the Docker files to build images and deployed the containers to the different environments.
- Worked on ECS cluster setup for Dev and test environments (DEV, UAT and SIT) for AWS Dev account.
- Maintained the AWS Dev account ECR to store Docker images as part of code movement.
- Created the services on top of ECS cluster and task definitions are associated with service.
- Used IaC Terraform to automate to create AWS ECS cluster, task definitions and Service creation for Different AWS Accounts.
- Used Jenkins pipeline to drive all micro services builds out to the Docker registry and then deployed to K8S, created pods and managed using the K8S.
- Worked on deployment automation of all micro services to pull the image from the private ECR and K8S deploy and service.
- Monitoring and troubleshooting the containers specific issues across the environments.
- Using Terraform provisioned AWS services for Environment setup and maintenance.
- Worked with DEV teams to setup the different environments Dev, UAT, SIT and PROD.
- Deployed the servers on AWS environment using Ansible playbooks.

- Experience in AWS Networking, Load balancer, managed the auto scaling group for high availability.
- Automated AWS infrastructure using the Cloudformation, Service Catalog.
- Used Jira for workflow management and release approvals from the different stake holders.
- Worked with DEV team to define branching and merging strategies for multiple application releases for GIT.
- Supported different environments to resolve the environment specific issues and application specific issues and coordinated with application teams to resolve the issues.
- Configured Jenkins pipelines jobs in Jenkins. Also responsible for troubleshooting problems arising from Build failures and Test failures.
- Experience in Incident and Change management using Service Now.
- Monitoring and troubleshooting the infra and log monitoring using the Cloudwatch, ELK

**India Pvt Ltd, Hyderabad, India**

**Role: Build and Release Engineer**

**Client: Care Suite Persona**

**Duration: April-2019 to Apr-2021**

**Environments:** Maven, GIT, Jenkins, Jira, Linux, Shell Scripts, Apache Tomcat, Docker

**Responsibilities:**

- Responsible for the 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 best SCM processes and procedures.
- Updated Release reports from change management control.
- Maintained and Administered GITHUB Source Code Tool.
- Created Branches, Labels and performed Merges in Stash and GITHUB.
- Proposed and implemented branching strategy suitable for Agile development in Subversion.
- Developed build and Deployment Scripts using ANT and 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 GITHUB into Jenkins to automate the code build 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.
- Used JIRA for change control & ticketing.
- Developed automation and deployment utilities using Ruby, Bash, and Shell Script.
- Worked closely with software developers and DevOps to debug software and system problems.

**Date:**  
**Place:**

**Naresh.V**