

PODILI SRAVAN KUMAR

Location: Noida

Contact: +91 9994549611

Email ID: podilisravankumar@gmail.com

INTRODUCTION:

- Skilled DevOps Engineer with 4+ years of hands-on experience supporting, automating, and optimizing mission critical deployments in **AWS**, leveraging configuration management, **CI/CD**, and **DevOps** processes.

PROFESSIONAL SUMMARY:

- Working as a **DevOps** Engineer at **Cognizant**, Noida from March 2015 to Present.

EXPERIENCE DETAILS:

Functional Domain	Experience	Description
DevOps	4+ Years	As a DevOps Engineer, I have been involved in resolving the incidents, build and release activities and implementing Devops tool stack like Jenkins , Apache Maven , Apache Tomcat , Git , GitHub , Sonarqube , Nexus/JFrog , Jira , Ansible , Terraform , Docker , Docker hub , Kubernetes , Helm etc., for the automation and making the activities automatic with the help of Cloud Platforms like AWS .

PROFILE SUMMARY:

- Having 4+ years of Total IT Experience as **Devops /Build & Release Engineer** involved in **SCM**, **Build & Release** activates.
- Strong knowledge and experience on **SCM** (Source Code Management) like Branching, Merging and Tagging.
- Creating branches in **GIT** provide access permissions to developers on need basis. Extensively experienced in using **Build Automation** tools like **Maven**.
- Building of source code using **Maven**. Troubleshooting build/compile/configuration issues. Good Knowledge on code quality checking tool like **Sonarqube**.
- Implemented **Continuous Integration (CI)** and **Continuous Delivery (CD)** using **CI/CD** tool called **Jenkins**.
- Experience in creating different levels of **Pipelines (Jenkins)**, i.e. from End to End, Repo to Application Servers and Push to **Nexus** Repos.
- Experience in maintenance of **Nexus repos**.
- Good experience in working with **Docker containers**.
- Build **Docker images** with **Docker file** and make required changes and builds new images, also will test the images and implementation on the Docker images in environmental basis.

- ❑ Hands on experience on **Docker Compose, Docker swarm (cluster), Docker Volumes** and **Kubernetes** for high availability.
- ❑ Setting up **Kubernetes clusters** and spinning up applications as pods. Managed **Kubernetes** applications with **Helm**.
- ❑ Building **CI/CD** pipelines with **Jenkins, Ansible, Docker** and **Kubernetes**.
- ❑ Having a Good knowledge on **Shell Scripting** and basic knowledge on **Python**.
- ❑ Experience in writing **Ansible** playbooks and Ansible roles for different deployments which can be reused by any project by providing right variable information.
- ❑ Hands on experience in **Amazon Web Services (AWS)** provisioning and good knowledge of AWS services like **EC2, Elastic Load-balancers, S3**.
- ❑ Implemented **AWS EC2, IAM, S3, Elastic Load balancer (ELB), Lambda, Cloud watch**, Auto scaling groups & database services like **RDS & DynamoDB**.
- ❑ Good knowledge in Amazon **ECS** and **ECR**.
- ❑ Experience in building infrastructure using Terraform.
- ❑ Deployed the **java application** into **web application** servers like **Apache Tomcat**.
- ❑ Monitoring the tickets with help of **Jira ticketing** tool working on the different ticket which we received.
- ❑ Responsible utilizing **Auto Scaling, Elastic Load Balancing** for our **QA** and **UAT**.
- ❑ **Quick learner** and **excellent team player**, ability to meet tight deadlines and work under pressure.
- ❑ A Committed team player with **Organizational** and **interpersonal** skills.
- ❑ **Time management** skills and **good communication** skills.
- ❑ Good knowledge in **Linux (Red hat/Ubuntu/CentOS) administration**. Flexible & adaptable, able to work in ambiguous situations.
- ❑ **Self-motivated** and **goal-oriented**.

TECHNICAL SKILLS:

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|------------------------------|---|--|
| ❑ Version Control Tools | : | Git and GitHub |
| ❑ Ticketing Tool | : | Jira |
| ❑ Monitoring Tool | : | Nagios |
| ❑ Build Tools | : | Apache Maven |
| ❑ Application Server | : | Apache Tomcat & Jboss |
| ❑ CI Tools | : | Jenkins & Teamcity |
| ❑ Deployment Tools | : | Ansible, Chef & Puppet |
| ❑ Code Quality Tool | : | Sonarqube |
| ❑ Programming languages | : | Core Java, Python & Node.js |
| ❑ Container Repository | : | Nexus & JFrog |
| ❑ Container Technology | : | Docker, Docker Hub, Kubernetes |
| ❑ Scripting languages | : | Python & Shell Scripting |
| ❑ Operating Systems | : | Linux and Windows |
| ❑ Cloud computing technology | : | Amazon Web Services (AWS) |

PROJECT SUMMARY:

Project #3:

Company Name : Cognizant Jan 2018 to till date

Role Played : Devops Engineer (Techno-Functional)

Responsibilities:

- ☐ Using GIT as source control for creating repositories, controlling access permissions for different users.
- ☐ Supporting Developers in Build, Delivering activities, Branch, Tags creation.
- ☐ Build and Continuous Integration using Maven, Jenkins and GIT.
- ☐ Analyze and resolve conflicts related to merging of source code for Git.
- ☐ Coordinate/assist developers with establishing and applying appropriate branching,
- ☐ Labeling/naming conventions using GIT.
- ☐ Responsible for taking the source code and compiling using MAVEN and package it in its distributable formats such as JAR & WAR.
- ☐ Installing and updating the Jenkins plug-ins to achieve the CI/CD.
- ☐ Associating with Build & Release team to setup Jenkins server & nodes for distributing the Jenkins jobs.
- ☐ Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.
- ☐ Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
- ☐ Creating War files using Builds and Automate the build Process Using Jenkins jobs.
- ☐ Developing and maintaining all the tools required to Build/Release.
- ☐ Hands-on experience in writing / modifying Ansible Playbooks for configuration management, automation of routine maintenance tasks and deployment.
- ☐ Uses Ansible Playbook to deploy application into web servers.
- ☐ Worked on creation of custom Docker container images, tagging and pushing the images.
- ☐ Worked on creating the Docker containers for managing the application life cycle.
- ☐ Hands on experience on the Docker Swarm.
- ☐ Setting up Kubernetes clusters and spinning up applications as pods.
- ☐ Managed Kubernetes applications with Helm.
- ☐ Building CI/CD pipelines with Jenkins, Ansible, Docker and Kubernetes.
- ☐ Working on AWS Elastic load balancing for deploying applications in high availability.
- ☐ Using AWS S3 to store code bundles to deploy onto EC2 Instances.
- ☐ Created and managed cloud VMs with AWS EC2 command line clients and AWS management console.

Project #2:**Company Name: Cognizant**

August 2016- December 2017

Role Played : Devops Engineer**Responsibilities:**

- ☐ Creating branches and tags using Git.
- ☐ Automate the Maven build Process Using Jenkins jobs.
- ☐ Deploy the release of software components into pre-production environments.
- ☐ Responsible for delivering daily builds, patch releases, hot fixes and the formal releases.
- ☐ Written Maven build scripts to automate build and deployment and integrate with Jenkins.
- ☐ Setup and configuration of Tomcat, creating multiple instances of Tomcat.
- ☐ Setup and configured Jenkins, created Jobs and setup continuous integration builds running in Jenkins.
- ☐ Monitoring daily builds using continuous integration tool Jenkins.
- ☐ Doing automation in the build and release on Jenkins.

Project #1:**Company Name: Cognizant**

March 2015 - July 2016

Role Played : Junior Devops Engineer**Responsibilities:**

- ☐ Performing both manual and automation builds using Maven and Jenkins.
- ☐ Involved in the release process and deployed applications (WAR and JAR) to the Webserver.
- ☐ Developing and maintaining scripts to automate the build, packaging as well as automation of time consuming, error prone tasks associated with the build.
- ☐ Configured and deployed applications in various work environments like Development, Test, and Production.
- ☐ Monitoring daily builds using continuous integration tool Jenkins.
- ☐ Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects.
- ☐ Creating War files using Builds and Automate the build Process Using Jenkins jobs.
- ☐ Created various Maven scripts to create multiple deployment profiles and deploy the applications to Apache Tomcat.

PERSONAL DETAILS:

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|---|--|
| <input type="checkbox"/> Father's Name: P. Brahmaiah. | <input type="checkbox"/> Marital Status: Single/Un-married |
| <input type="checkbox"/> Nationality: Indian | <input type="checkbox"/> Gender: Male |
| <input type="checkbox"/> Date of birth: 26-08-1993 | <input type="checkbox"/> Current Location: Noida |

Declaration:

I hereby declare that all the information provided is true to the best of my knowledge.

(Podili Sravan Kumar)