

**Devops Engineer**

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## **CAREER OBJECTIVE**

**In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.**

## **PROFILE SUMMARY**

- 3+ Years of experience as a **DevOps Engineer** with technical expertise in Build and Release Management, Continuous integration and Deployment, Software configuration management.
- Hands on experience with version control tool like **GIT, GitHub**.
- Experience on, **GIT**- Created branches, tagging, Merging providing access permissions to the developers over branches.
- Good Experience in **GitHub** and Configure git with Jenkins and schedule jobs using **POLL SCM** option.
- Expertise in using Build tools like **Maven** for Building and Deployable artifacts such as War&Ear from source code.
- Creating new Build jobs, Plugins installation and Management, setting up **Master/Slaves** using **Jenkins**
- Good Experience in **Continuous integration** using the **Pipeline** View, Integrated Sonar to run as part of Jenkins Build job, Monitoring **Nightly Builds** and **Daily Builds** and Deploy with different Environment like **QA, UAT, DEV, PROD**.
- Experiences in using Nexus Repository manager for Maven Builds.
- Good Experience in **Dockerizing** the Applications, In **Dockerfile**, Creating **Docker images** and configuring the **Docker Containers**.
- Experience on creating and configuring **Docker Volumes**.
- Experience in creating **Docker-Swarm Cluster, Volumes** and **Networks**.
- Good Knowledge on writing Docker Compose files and Deploying Docker services in Docker-Swarm Cluster.
- Experience on creating **Kubernetes** manifest files like **Daemon Set** and **Replication controller, Replication Set** and Deployments.
- Strong Experience in Kubernetes cluster setup and Deploying Applications in **Kubernetes clusters**.
- Implement **CI/CD** using Jenkins, Docker & Kubernetes.
- Good experience in deploying the artifacts in **Tomcat**.

- Experience in writing **Ansible** playbooks and **Ansible roles** for Configure management, Sharability and Reusability in Ansible.
- Hands on Experience in AWS Cloud such as creating **EC2, S3, ELB, EBS, EFS, IAM, Auto Scaling and Security Groups**.
- Creating/Managing snapshots and Volume upgrade, Downgrade AWS Resources (CPU, Memory EBS).
- Good knowledge on methodologies like **Agile** and **waterfall model** for project planning and execution.

## TECHNICAL SKILLS

Category	Skills
Version Control System tools	GIT, GitHub
Operating Systems	Linux (Redhat, Ubuntu)
Configuration Management	Ansible
SSH Client Tool	Putty, MobaXterm
Scripting	Shell Scripting, Python
Build Tools	Maven
Container Orchestration Tools	Kubernetes, Docker-Swarm
Cloud Services	AWS (EC2, S3, EBS, EFS, ELB, IAM)
Application Server	Apache Tomcat
Continuous Integration Tools	Jenkins
Containerization tool	Docker
Bug Tracking Tool	JIRA, TFS, Buganizer
Artifactory Storage	Nexus
Code Quality Analysis Tool	SonarQube
Testing	Test Preparation, Manual Testing, Defect management

## Professional Experience:

Working as a DevOps Engineer in Mindtree from september 2018 to till date

Highest Qualification: -

- Completed BE from Saveetha University in 2018.

## **PROJECT:**

Project Name : Adaptik Corporation,  
Bethlehem, PA  
Role : DevOps Engineer

Domain : Medical

Environment : Unix, Maven, Nexus, SonarQube, Ansible, Docker.

## **DESCRIPTION:**

Cypress Care provides health cost management solutions and strategies for the Medicare, workers compensation, and auto insurance markets in the United States. It offers pharmacy benefit programs, such as clinical management and utilization, and claims administration productivity improvement; and ancillary health services, including provision of durable medical equipment, supplies, orthotics and prosthetics, home health care and rehabilitation therapy, transportation, and diagnostic imaging.

## **ROLES & RESPONSIBILITIES:**

- DevOps Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Configured Git with Jenkins and schedule jobs using poll scm option.
- We use Git to place our source code and involving in branching.
- Configured Jenkins jobs with Git and Maven for generating artifacts.
- Responsible for maintaining backups in Jenkins.
- Installing and configuring Ansible and Involved in writing Ansible playbooks for configuring the servers.
- Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure conflicts.
- Developing Ansible Roles for re-usability and sharing the roles.
- Maintaining the versions of Jenkins artifacts in Nexus repository.
- Maintaining backups of Jenkins jobs to ensure the files in Workspace available.
- Managing Jenkins load by creating Jenkins slaves and ensuring parallel builds.
- Deployed Ansible for configuration management infrastructure
- Configured Jenkins with GitHub Web hooks to automate the integration and notifying the errors in source code to the developers.
- Configured servers and deployed in different environments like DEV, QA, and PRE-PROD.

I declare that the information furnished above is true to the best of my knowledge and I assure you of my sincerity in executing the duties related to the job, should I be given a chance to serve.

( Murali.D )