

# Devops Engineer

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## Career Objective:

To work in challenging environment that gives me a chance to polish my Technical and interpersonal skills to achieve the organizational goals this in turn fetch me a successful career.

### Profile Summary:

- Having **Around 4 Years** of Experience in IT Industry as **DevOps** Engineer in the fields of Automation, Configuration Management and Cloud Services.  
Experience in working with version control system like **GIT**.  
Worked on **Branching, Merging** concepts in Version Control tool like **GIT**.
- Experience in working with source code analysis tool Sonarqube, Fortify
- Experience in using **Maven** as build tool for the building of deployable artifacts from source code.
- Extensively worked on **Jenkins** for CI and from end to end automation for all build & deployments.
- Efficient in working closely with development, QA, production and business owner teams to ensure high quality & timely delivery of builds & releases across multiple platforms and environments.
- Knowledge of **Kubernetes** to deploy and manage containers (pods).
- Experience in provisioning, operating, and maintaining Applications/Services running on AWS.
- Experience in monitoring, security and networking of AWS Services and resources.
- Provisioning infra in aws by using **Terraform**.
- Provisioning EKS cluster by using **Terraform**.
- Provisioning the highly available EC2 Instances using **Terraform**
- Automated deployment to Various Environments.
- **Jenkins** for artifacts storage and downloading artifacts for deploying it to applications and for testing.
- Experience on containerization tools like **Docker**.
- Experience with container based deployment using Docker and familiar with docker images, docker hub and docker registries.
- Ability to troubleshoot any issues generated while building, deploying and production support.
- Ability to grasp latest technologies and to properly apply new tools to build applications.
- Experience in support of multi platforms like Ubuntu, windows of production, test and development servers.
- Implemented & maintained the branching, merging and build/release strategies utilizing **GitHub**.
- Experience on EC2, Cloud Watch, and Elastic Load Balancing managing securities on **AWS**.
- Good Knowledge in access management using the Identity Access Management(**IAM**) in **AWS**.
- Experienced on automating task using **Shell Scripting**
- Created and maintained various Devops related tools for the team such as provisioning scripts, deployment tools, and development and staging environments on AWS and Clo

- Closely works with development teams to compile, debug, or troubleshooting the applications whenever developers needed help from build team.
- Ability to troubleshoot build and deployment issue.
- I have experience in github actions
- GitHub Actions connects all of your tools to automate every step of your development workflow
- Used elasticsearch for name pattern matching customizing to the requirement.
- Installed logstash-forwarder and run logstash-forwarder to push data
- Used **Kibana** plugin to visualize for **elasticsearch**.
- Created different dashboards based up on the level of user and this was integrated with the customer caresupport UI.Experience in Amazon Web Services on EC2, ELB, VPC, Route53, RDS, Auto Scaling, Cloud Watch, Cloud Trail, IAM.
- Established infrastructure and service monitoring using **Prometheus** and **Grafana**

#### **Educational Qualification:**

- **B.Tech** in Mechanical Engineering from Indian Institute of integrated Science and Technology ,Chennai in the year 2017

#### **Work Experience:**

- Working as a build and release engineer Payroll by **EHS Infotech Solutions** and Service Provided to **DXC Technology** in Chennai From September 2018 to Till now.

#### **Technical Skills:**

Operating Systems	: Linux,Windows 7/10
CI/CD Tool	: Jenkins
Source code analysis tool	: Sonarqube,Nexus fortify
Scripting Language	: Shell Scripting
Build Tool	: Maven
Version Control	: GIT
Application Server	: Tomcat
Webserver	: Apache
Monitoring Tools	: Nagios
Containerization Tools	: Docker
Cloud Services	: Amazon Web Services
Infrastructure as code	: Terraform

## Project Summary

### Project # 2:

Client	:	DXC Technology
Role	:	Build and Release engineer
SCM Tool	:	GIT
BUILD Tool	:	Maven
SCRIPTING Language	:	Shell Scripting
CI/CD Tool	:	Jenkins
Development Environment	:	Linux, Application Server
Containerization Tools	:	Docker
Cloud Services	:	Amazon Web Services

### Description:

**DXC Technology (NYSE: DXC) helps global companies run their mission-critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. The world's largest companies and public sector organizations trust DXC to deploy services to drive new levels of performance, competitiveness, and customer experience across their IT estates. Learn more about how we deliver excellence for our customers and colleagues at [DXC.com](https://www.dxc.com).**

#### **Roles & Responsibilities:**

- ☐ Monitoring daily builds and generating packages.
- ☐ Participated in all phases of Build and Release activities.
- ☐ Build and deploy of code different environment.
- ☐ Creating automated build and release environment using continuous integration tool Jenkins.
- ☐ Creating branch & setting up projects using version control like GIT.
- ☐ Deploying the Jar and War files in Apache Tomcat server.
- ☐ Working experience on Jira Ticket tool.
- ☐ Checking the availability of servers and scheduling deploys for the day.
- ☐ Developing and maintaining build scripts using Maven.
- ☐ Work with project teams to determine an appropriate build schedule ,then build and deployment process to respective environments.
- ☐ Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable, and flexible systems that handled expected and unexpected load bursts.
- ☐ Expertise in AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, IAM, Route 53, Lambda, Auto scaling and Security Groups.
- ☐ Automate and monitor build with Jenkins. Troubleshoot application related issues.
- ☐ Deploying the JAVA Wars and Jars appropriately and setting up the Apache Tomcat instances.
- ☐ Work closely with Development and QA teams on building and Deployment issues.
- ☐ GitHub Actions connects all of your tools to automate every step of your development workflow
- ☐ I have experience in github actions
- ☐ Experienced in building pipelines on GitHub
- ☐ Experience in YAML scripts editing
- ☐ Experience in GitHub enterprise administration

**Project #1:**

Client : Seven-Seas Order and Data System.

Role : Build and Release Engineer

SCM Tool : GIT

BUILD Tool : Maven

SCRIPTING Language : Shell Scripting

CI/CD Tool : Jenkins

Development Environment : Linux, Application Server

Cloud services : Amazon Web Services

**Description:**

Seven-seas Orders and Data System is a seven-seas pharma hosted, Client managed personalized portal that maintain database about the clients who register and purchase the pharma products and to deliver the product in time. This application is based on Java. For this we have to support release management team of which executing Java applications build and deployments in Dev, QA, performance and production environments.

**Roles & Responsibilities:**

- ☐ Creating branches, merging using GIT.
- ☐ Maintain track of different releases that are being carried over in different environments.
- ☐ Creating Jar/War/Ear files using Maven.
- ☐ Automate the build Process Using Jenkins jobs.
- ☐ Making Application, Reports and Script ready for the Release on time.
- ☐ Troubleshooting application related issues by log verification.
- ☐ Verify Deployments logs to check for successful deployments.
- ☐ Documentation of the patch process and build/release Process.
- ☐ Experience in bug tracking and analyzing test results and prepared Release Notes.
- ☐ Converting ansible playbooks into roles for scalability and reusability.
- ☐ Maintaining AMI's for backup of configured EC2 instances.
- ☐ As most of the infrastructure is hosted in AWS cloud and responsible for creating and managing EC2 instances.
- ☐ Writing playbooks for installing and configuring the EC2 instances and automate deployments.
- ☐ Deploying the artifacts in environments like DEV, QA, and UAT with ansible and Jenkins.
- ☐ Ensuring the servers to sustain the load by configuring Elastic load balancer and auto scaling.
- ☐ Involved in build/Release management and carried out the quality product in UAT and Production.

**DECLARATION:**

I, hereby declare that all the details furnished above are true to the best of my knowledge.

DATE:

(Saiteja G)