

# DevOps Engineer

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## Objective:

Having **4+** years of experience in IT **3+** years with DevOps and Cloud Management. As a DevOps Engineer, Proficient in Kubernetes, Docker, Ansible, ELK, Jenkins Sonarqube, Maven, Git, Jira along with AWS.

## Professional Summary:

- ❖ Having good experience in as a “**DevOps/Build & Release Engineer**” which includes environment setup, **Automation** process, **Continuous integration** and infrastructure management with DevOps practice.
- ❖ Experience in manage cloud **Software developments** with a focus on **Continues Integration and Deployment using GitHub, Jenkins.**
- ❖ Experience in working on version control tool like **GIT.**
- ❖ Extensive experience using **MAVEN and ANT** as build tools for the building of **Deployable artifacts (jar, war & ear)** from source code.
- ❖ Extensively on **Jenkins** for continuous integration and for end to end Automation for all Build and deployments.
- ❖ Experience in Building **Continuous Integration(CI) & Continuous Deployment/Delivery (CD) – Jenkins.**
- ❖ Creating and configuring new **Build jobs, Plug-ins Management**, distributed builds using Master/Slaves and other administration tasks in Jenkins from the scratch.
- ❖ Experience in using Bug tracking tool like **Jira.**
- ❖ Basic knowledge in **Kubernetes** clustering, configuration, Architecture and services.
- ❖ Experience with **Jenkins** as a continuous integration, delivery and deployment.
- ❖ Having strong knowledge in writing **play books** in **Ansible.**
- ❖ Virtualized the servers on AWS using the **Docker**, created the Docker files and version controlled them.
- ❖ Good experience in **Docker** as containerization tool.
- ❖ Experience in using **Nexus** Repository Managers for **Maven** and Ant builds.
- ❖ Strong Knowledge on **kubernetes** as container management tool using for Deployment process.
- ❖ Experience in supporting applications on different platforms Windows and Linux environments.

- ❖ Excellent knowledge of **Amazon EC2, Amazon S3, EBS, ELB, VPC, AMI** and other services of the **AWS** family

### Professional Experience

- Working as a **DevOps Engineer** in Tcs (client) from Feb 2018 to till Date

### TECHNICAL SKILLS

<b>SCM Tools</b>	GIT
<b>Build Tools</b>	Maven
<b>Continuous Integrated Tools</b>	Jenkins
<b>Configuration Management Tool</b>	Ansible,
<b>Containerization(Virtualization) Tool</b>	Docker, Kubernetes
<b>Artifactory storage</b>	Nexus
<b>Ticketing Tool</b>	jira
<b>Cloud Platform</b>	AWS (Amazon Web Services)

### Education

**B.Tech** in 2015 at Ananthalakshmi Institute of Technology and Science (JNTUA).  
Ananthapur, Andhrapradesh.

### Project Experience

#### Project #2:

Project Name	Capital group companies
Client	Capital group.com
Position	Devops Engineer

### Roles & Responsibilities:

- Implemented rapid-provisioning and life-cycle management for Linux using Amazon EC2, **Ansible**, and **Git**.
- Managed and optimize the Continuous Delivery tools like Jenkins.
- Install, Configure, Administer Jenkins Continuous Integration Tool.
- Developed and implemented Software Release Management strategies for various applications according to the agile process.
- Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our product
- Branching, Tagging, Release Activities on Version Control Tools: GIT.
- Used Maven as build tool on Java projects for the development of build artifacts on the source code
- Automated deployment of builds to different environments using Jenkins.
- Worked on infrastructure with Docker containerization.
- Developed Ansible playbooks for automation of the build and release process.
- Develop Custom Scripts to monitor repositories, Server storage.
- Developed automation framework for Application Deployments to the cloud environments
- Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments

**Environment:** Maven, Jenkins, GIT, GITHUB, Dockers, kubernetes.

### **Project #1:**

Project Name	Cloud Design Solutions (CDS)
Client	Digital Telecommunication
Position	Build & Release Engineer

### Roles & Responsibilities:

- Actively involved in administration of source control tools.
- Experience in build & distribution approaches in distributed environment.
- Handled software configuration management issues and coordinated with development CI/CD tools implementation.

- Monitor the production environments by performing regular monitoring alerts and Setup of Nagios Server/Clients.
- Get in touch with different teams and implementing Continuous Integration.
- Source code management with Git by pushing, pulling, creating repositories, commit and repository pulling through CI tools. Administration and implementation of GIT.
- Using Jenkins Configured multiple build jobs, master/slave setup, integrated test cases, created distributed build environments, and performed plug-in installations, backup etc.
- Used Ansible for Configuration Management and Deployments.
- Creating Docker containers, Docker images and Docker files
- Building instances and managing storage on cloud using AWS EC2, EBS and S3.
- Adminstrating Maintaining the Nexus artifactory.
- Supporting developers by creating repositories, staging profiles, staging repositories, permissions.
- Used Jira to track issues and change management.

**Environment:** Maven, Jenkins, AWS, SVN, Ansible, Docker,Kubernetes Linux

### **Declaration**

I hereby, declare that the above information is true to the best of my knowledge and belief.

**( M MAHESH KUMAR )**