**MANOHAR**

Designation: DevOps Engineer

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**Professional Experience:**

* I have 4.2 years of experience in IT industry. Currently I am working on AWS & DevOps with (Jenkins) CI/CD .
* Configuration Management, Build Management, Security Management, Requirement Management and Change Management by using licensed & other open source tools such as Ansible, git, maven, docker, AWS, bash scripting, Jenkins,Terraform .I am working on Linux, Windows OS.

**PROFILE SUMMARY:**

* Configuring Jenkins job with related Plugins for Building, Testing and Continuous Deployment to accomplish the complete **CI/CD Pipe line**.
* Understanding the client environment, administrating and creating solutions using **AWS** services,

Jenkins CI/CD, Git.

* Hands on experience in setting up and configuring **Jenkins** Tool. Automating build process using Jenkins Tool. Supporting scheduled Builds using shell scripts and cronjobs process.
* Experienced in Version Control System tools like **GIT** Demonstrated understanding of source control management concepts such as Branching, Merging, Labeling/Tagging, Branches locking, accessing control and Integration.
* Experience in Automation Build Tools like **Maven** and creating packages like WAR, EAR, JAR.
* Experience on code quality coverage using Sonar Qube and Storing artifacts remote repository using

Nexus.

* Responsible for the complete build and release process including: automation of nightly builds, packaging the release and coordinate release material.
* Setup /Managing Linux servers on Amazon Cloud (**EC2, VPC, ELB, IAM, S3, AMI, Route 53, Security Groups, Cloud Watch**).
* Having good knowledge on **Ansible** Playbooks/roles/modules for deploying/configuring application.
* Good knowledge on **Linux** activities to install packages, upgrades, to manage disk space and tailing logs and troubleshoot accordingly.
* Experience in writing shell script for automating the deployment.
* Knowledge on Container based technology **Docker (Micro services).**
* Good knowledge on **Terraform** for creating the replica of the entire infrastructure in case AWS Services like Ec2,VPC,ELB,Auto scaling.
* Worked with Dev, QA, UAT teams on Deployment of application to various servers with automatic configuration of each application

#### Education

* B.Tech (E.C.E) from Jawaharlal Nehru Technological University Kakinada in 2012.

#### Professional Experience:

# Working as a Devops Engineer for Genpact from May 2015 to Till Date.

# Software Skills:

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| --- | --- |
| Operating Systems | Windows ,Linux ,RHEL |
| Programming/Scripting Languages | Shell Script |
| Web Server | Apache , nginx |
| Application Server | Tomcat , |
| Version Control Tools | GIT, GIT Hub |
| Continuous Integration Tool | Jenkins |
| Build Tools | Maven |
| Containerization | Docker , |
| Configuration Management | Ansible |
| Cloud Computing (**AWS**) | VPC, EC2, ELB, and S3,Auto scaling , IAM, AMI, RDS, Route 53 |
| Artifactory Tool | Nexus |
| Orchestration Tool | Terraform |
| Monitoring Tool | Nagios |
| Code review & Reporting Tool | Sonar Qube , Jira |

#### Project # 2

**Project : Telecom italia**

**Client : Telecom Italia**

**Role : Jr.Devops Engineer**

**Duration : June 2018 – Till Now**

**Environment** : Git, Jenkins, Tomcat, Apache Maven, Shell Scripting, Ansible, Docker, AWS, Windows 7/8/10 and RedHat &CentOS family Linux.

**Description:**

Telecom Italia is an [Italian](https://en.wikipedia.org/wiki/Italy) [telecommunications company](https://en.wikipedia.org/wiki/Telecommunications_company) headquartered in Rome, which provides telephony services, mobile services, and DSL data services. Telecom Italia was officially created on 27 July 1994 by the merger of several telecommunication companies among which SIP, Iritel, Italcable, Telespazio and Sirm. This was due to a plan of reorganization of the telecommunication sector presented by IRI to the Minister of Finance.

**Responsibilities:**

* Creating repositories, new users for **GIT** and give the permissions to users to access repository.
* Configuring Jenkins jobs for deploying the Java applications on different environments DEV, UAT and PROD environment.
* Configuration of various plugins, slaves for **Jenkins** for automation of the workflow and to optimize and smooth running of build jobs.
* Responsible for deploying War files enterprise applications for Tomcat web Application Servers.
* Helping users on Day to Day activities involving Check In, Check Out, View problems Maintaining highly reliable 24x7x365 Linux production servers for internal, global and **AWS** EC2 instances.
* While building the code used **Nexus** as artifact repository.
* Configuration of **Sonarqube** with **Jenkins.**
* Used **Ansible** for scheduling playbooks and used GIT repository to store our playbooks.
* Created **Docker** **images** and docker file as per requirement. Creating the Docker containers integrating with Jenkins.
* Setup and Managed backup and recovery using Snapshots.
* Inform through mail the compilation errors to the responsible team with error logs.
* Performing deployments to multiple environments like Dev, QA & Production environment.
* Experienced in deployment of applications and **Jar, War, Ear** files on Apache Web server and Application Servers such as **Tomcat**.
* Providing **on call support**, joining in incident calls for **P2, P1** incidents and scheduling meeting with application team to fix production issues.

#### Project # 1

**Project :** Caribbean E-Commerce

**Client : Caribbean Airlines**

**Role :** Build and release engineer

**Duration : August 2015 To May 2018**

**Description:**

Caribbean Airlines is an airline hosted portal that maintain database about the clients to book and managing tickets through online. 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.

**Responsibilities:**

* Configured Jenkins jobs with **Git** and **Maven** for generating artifacts.
* Responsible for maintaining backups in **Jenkins**.
* Configured **Jenkins** for deployment of the application in servers
* 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.
* Configured servers and deployed in different environments like DEV,QA,UAT/STAGING
* we use **Git** to place our source code and involving in branching
* Configured Jenkins with **Github Webhooks** to automate the integration and notifying the errors in source code to the developers.