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**PROFESSIONAL EXPERIENCE:**

* Having **4+** years of Experiencein **DevOps** Processes such as supporting Automation of deployments in AWS with CI/CD.
* Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups and IAM).
* Installing and Configuring Docker, Docker compose on Windows and Linux environment.
* Configuring and Managing multi environment (Development, Staging and Production).
* Designed and Implemented 3 tier architecture with Web, Application and Database servers using Elastic LoadBalancer (ELB)
* Initiated C.I process in my project and setup Jenkins tool from scratch. Created new build jobs, setup master/slave concept to distribute the load and run different builds with different configurations.
* Created Pipelines using Jenkins file.
* Experience in building projects using Mavenand automated backup process by adding Maven resources in pom.xml
* Involved in setting up of Nexusrepository manager to manage efficient collaboration and ease of deployment of Maven artifacts by configuring settings.xml and pom.xml in Maven.
* Very good knowledge on build tool ANTand good understanding of targets and tasks of build.xml.
* Involved in creating containers using Containerization toolDocker for various environments like Dev/QA/Performance/UAT**.**
* Wrote a shell script for provisioning containers for QA environments using Docker images.
* Created Docker-images through Dockerfile to create containers for various environments for QA team.
* Working knowledge on KUBERNETES andkubectl commands, worked on deployment and scaling containers.

# Good Knowledge in checking code quality using the SonarQube.

## ACADEMICS :

* B.TECH from AVR & SVR Engineering College affiliated to JNT University**,** Anantapur .

## WORK EXPERIENCE:

* Working as **DevOps Engineer** with **TCS** from Jan-2017 to Till Now.

**:**

**TECHNICAL SKILLS**

Operating Systems : Linux, AIX,Windows

Application Servers : IBM Web Sphere Application Server 6.1, 7.0 and ,Weblogic 10.3.5 Web Servers : Apache Tomcat, IBM HTTP Server

Cloud & Devops Tools : AWS(EC2,VPC, S3, Dynamo DB, Cloud Front, Cloud watch)

Docker, Jenkins, Ansible, GitHub, GIT, CVS,Kubernetes Monitoing Tools : Dynatrace, AWS Cloud watch,Splunk

Ticketing Tools : Remedy, ServiceNow

Scripting : Shellscript

## PROJECT EXPERIENCE

**Job designation :** Devops engineer

**Duration :** JANUARY 2019 – Till date.

**Project Name :** IAG-International Airlines Group

## Description:

International Airlines Group (IAG) is one of the world's largest airline groups with 573 aircraft flying to 268 destinations and carrying around 113 million passengers each year.IAG is an Anglo-Spanish multinational airline holding company with its registered office in Madrid, Spain and its operational headquarters in London, UK.

## Roles & Responsibilities:

* Created and maintained fully automated CI/CD pipelines for code deployment using PowerShell.

# Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves and other administration tasks in Jenkins**.**

* Installing and Configuring Docker, Docker compose on Windows and Linux environment.
* Creating Docker image and Docker container using pre-configured Docker file and Docker- compose.yml.
* Push and Pull docker images from Docker . Integrating Jenkins with GitHub, EC2 instance and Docker.
* Working with Version control and source code management tools like GitHub.
* Managing GitHub/Gitlab Repository for Multi environment (Development, Staging and Production) and also manage Branching, merging and User/Group based permissions.
* Implemented a CI/CD pipeline involving Jenkins, Docker,Ansible for complete automation from commit to deployment.
* Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups and IAM).
* Setup/Managing high Availability designed using Elastic load balancer for Web servers with Scale in and Scale out automatically.
* Designed and Implemented 3 tire architecture with Web, Application and Database servers using Elastic LoadBalancer (ELB)
* Setup/Managing VPC, Subnets, Internet Gateway, NAT Gateway; make connection between different zones.
* Create/Managing buckets on S3 and store db and logs backup with restricted Policies.
* Monitoring the health of Amazon EC2 instances and other AWS services through Amazon Cloud Watch.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Configured AWS Identity Access Management (IAM) Group and users for improved login authentication.
* Installing and Configuring Ansible control machine and target machines as per requirement.
* Automating the AWS EC2 provisioning using ansible Playbook.
* Having knowledge of Application deployments and environment configuration using pre- configured Ansible Playbook and Modules.

## PROJECT EXPERIENCE

**Job designation :** Devops engineer

**Duration :** FEBRUARY 2017 – NOVEMBER 2018.

**Project Name :** TALKTALK.

## Description:

TalkTalk Telecom Group plc is a company which provides pay television, telecommunications, Internet access, and mobile network services to businesses and consumers in the United Kingdom.

It was founded in 2003 as a subsidiary of Car phone Warehouse and was demerged as a standalone company in March 2010.Its headquarters are in London.

## Roles & Responsibilities:

* Creating and Managing branches based up on Branching Strategy of GIT.
* Responsible for design and maintenance of the GIT.
* Writing POM.XLM files in MAVEN to setup the DEV and PRODUCTION Environments.
* Integrating Maven, GIT and Jenkins to perform Continuous Integration and Continuous Deployment.
* Responsibilities include developing complexbuild, test, provision, secure and deployment systems and providing support to a large community of developers and testers.
* Regular Build jobs are initiated using the Continuous Integration tool with Jenkins.
* Integrated Maven-Jenkins-Jfrog Artifactory for continuous integration and deployment.
* Writing Docker files to create Containers.
* Working on AWS EC2, IAM, S3, ELB, VPC services.
* Setting up the virtual private cloud network in Amazon Web Service (AWS).
* Auto scaling the Amazon Web Service (AWS) depending upon the requirement.
* Writing scripts in Shell for monitoring tools and for automation.
* Monitoring Server Infrastructure using Nagios.
* Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using GIT.
* Responsible for design and maintenance of the Subversion/GIT.
* Created Docker containers for testing environments using docker images.
* Regular Build jobs are initiated using the Continuous Integration tool with Jenkins.
* Converted and automated builds using Maven. Scheduled automated nightly builds using Jenkins.