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Overview:

3+ years of professional experience in AWS and DevOps configuration management tools which include Project Setup, Build Automation, Continuous Integration, Container Orchestration, CI/CD workflow using Jenkins.

**Professional Summary:**

* Experience as a Devops Engineer involved in SCM, Build & Release activities.
* Working experience with Continuous integration using **Git, Maven** and **Jenkins**.
* Extensive hands on experience with **Jenkins**, for Continuous Integration and end-to-end automation tools for deploying.
* Knowledge in Container Orchestration tools like **Kubernetes Cluster Services and Docker swarm**.
* Extensively worked on **Docker, creating Docker images and Docker containers**.
* Good Experience in writing the **Dockerfile**.
* Experience with software development tools like GIT, Jenkins, Maven.
* Hands-on experience in automating build process using **JenkinsCI** Tool.
* Administration and creation of Individual **Jenkins jobs**, including automatic generation, reporting and alerting of build failures, and build status indicators.
* Experience on Build Tool **Maven**, Repository Manager **Jfrog**.
* Experience in Configuration management tool like **ANSIBLE**.
* Experience in writing **Ansible playbook**.
* Knowledge in Amazon Web Service resources like **EC2, AMI, VPC, S3, IAM.**
* Application Deployment and environment configuration using **Ansible**.
* Responsible for the creation and management of **Ansible Playbooks**.
* Knowledge in automating the infrastructure in **AWS** using **Terraform**.
* Good work experience in **end-to-end Building, deploying and configuration process**.
* Having experience using Maven as a build tool for building deployable artifacts from source code.
* Experience in software tools and automation of development pipeline activities.
* Experience using agile development methodology and Continuous Integration/Deliver.

**Educational qualification:**

* **Electronics and Communication Engineering (B .Tech) in ECE from JNTUA in 2018**.

**Professional Experience:**

Currently working as a DevOps Engineer at **IBM** From June 2019 to Till date

**Technical Skills:**

|  |  |
| --- | --- |
| Operating Systems | Linux, Windows |
| **Version Control Tools** | GIT,GITHUB |
| **Build Management Tools** | Maven |
| **Scripting Languages** | Shell Script |
| **Application Servers** | Tomcat |
| Continuous Integration Tools | Jenkins |
| **Web servers** | Apache |
| Containerization tool | Docker |
| Cloud Services | Amazon Web service |
| Container Orchestration | Kubernetes, Docker swarm |
| Configuration Tools | Ansible |
| Backup Artifactory | JFrog |
| Database | RDS, SQL, |

**Project Details:**

**Project# 1:**

Company : IBM

Project Name : GE Healthcare

Environment : GIT, Maven, Jenkins, Ansible, Sonar, Docker, JFrog, AWS

Role : DevOps Engineer (Currently working).

**Description:**

Specs savers is an international company providing a trusted eye care service affordable glasses and contact lenses to a number of countries in Europe and across the globe. Our Expert opticians’ carryout professional eye test using the latest optical equipment. Our range glasses features an incredible variety of styles, including the latest designs from some of Europe’s top fashion houses and all our frames come with top quality lenses.

**Roles and Responsibilities:**

* + Creating**CI/CD**pipelines by integrating **Git**,**GitHub,Maven,Jenkins,AnsibleandAWS**.
  + Worked on Multiple **AWS instances**, set the **security groups**, **Elastic Load Balancer**, and **AMIs**, **Auto scaling** to design cost-effective, fault-tolerant and highly available systems.
  + Generating the sonar reports for the **maven** modules.
  + Managed and optimize the **CI**(Continuous Integration)tools like **Jenkins.**
  + Provide stable build environments for product development.
  + Setting up private networks and sub-networks using(VPC) and creating security groups to associate with the networks.
  + Automate Continuous Build and Deploy Scripts for Jenkins Continuous Integration tool.
  + Exposed build tool like maven and bug tracking tool **mantis** in the work environment.
  + Configuring the **Docker** containers and creating **Docker files** for different environments.
  + Providing the **sonar** reports to the individual modules for the integration tests and unit test reports.
  + **Branching**, **Tagging**, **Release Activities** on Version Control Tools: **GIT**.
  + Integrated Maven with Jenkins and nexus for the builds as the Continuous Integration process .
  + Troubleshooting of build errors in Jenkins for both the software configuration management team and the development team.
  + Worked on CI and CD automation setup from development to production environments.
  + Implemented the release practice and responsible for pushing builds in to QA/UAT/pre-production/production stages.
  + Implementing a Continuous Delivery framework using Jenkins, Ansible, Maven, Docker, Nexus in a Linux environment.
  + Managing day to day Build & release activities and CM support.
  + Working with supporting different Environments with help of Ansible to deploy applications indifferent Target Environments.
  + Ensure the successful execution of nightly builds.
  + Worked on Jenkins by installing, Configuring and maintaining for continuous integration and EndtoEnd automation.

**Project# 2:**

Project Name : E-commerce.

Company : IBM

Environment : Git, Jenkins, Maven, JIRA, Ansible, Apache Tomcat, Centos, JFrog

Role : Build & Release Engineer

**Description:**

Coles Supermarkets Australia Pvt Ltd, trading as a Coles, is an Australian Supermarket, retail and consumer service chain, head quartered in Melbourne as a part of the Coles group.

**Roles & Responsibilities:**

* Managing the source code in **GIT** for various applications.
* Implemented the setup for Master slave architecture to improve the performance of **Jenkins**.
* Setting up the **Jenkins** jobs for Continuous integration process and had executed test cases.
* Managing/Tracking the status of the defect with the help of **Jira**.
* Created automated builds and daily deployments for different environments using **Maven**.
* Automate Continuous Build and Deploy **Scripts** for **Jenkins** Continuous Integration tool.
* Configuring and enabling the **SonarQube** through **Jenkins** pipeline jobs.
* Built and managed a large deployment of **Linux** instances systems with **Ansible** Automation.
* Configured Jenkins with **maven** build tool to generate the **war/ear** files.
* Using Nexus to store the generated artifacts and versioning the artifacts with timestamp.
* Integrating **Git** with **Jenkins** and **JFrog** in continuous integration and configured **Jenkins** with **Poll SCM** build trigger.

**Declaration:**

I hereby declare that the information above is true and correct to the best of my knowledge and belief and can refer above for verification.

**(LOKESH V)**