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Objective:

To acquire the position of a DevOps Engineer in a well-established organization where I can utilize my knowledge in information technology field for the betterment of the organization and in turn my career.

**Professional Profile:**

* Having 2.8 years of experience on DevOps and cloud AWS and working on different automation tools.
* Experience on ***Linux*** with specialization in Ubuntu, Redhat and CentoOS.
* Experience on Continuous Integration Tool ***Jenkins***.
* Strong experience with version control systems such as ***git and github*** including branching and merging strategies.
* Working knowledge in using ***Maven*** for all the build scripts to automate the Deployment.
* Create artifacts like WAR and JAR using build tool ***Maven***.
* Manage ***Maven*** builds and troubleshoot Build issues.
* Experience with automated build pipeline, continuous integration and continuous deployment environments.
* Responsible for implementation of Nightly Builds using Jenkins includes installation of ***Jenkins***, Configuration of Jobs for automated Build and deployments.
* Configuring pre and post build actions in ***Jenkins*** as per project requirements.
* Automate the build Process Using ***Jenkins*** jobs.
* Proficiency with build and continuous integration system concepts.
* Experience on deploying artifacts like JAR and WAR into application server ***Apache Tomcat***.
* Working on Configuration Management tools like ***Ansible.***
* Experience on containerization platform like ***Docker.***
* Working knowledge on orchestration tools like ***Kubernetes.***
* Expertise level knowledge on ***Amazon EC2, Elastic Load Balancer*** creation, IAM and S3.
* Managed and supported AWS security related issues such as IAM and S3 policies for user access.
* Familiar with ***Software Development Life Cycle (SDLC)*** process.
* Having good knowledge on ***Agile Scrum process.***

**Educational Qualifications:**

* **BTech (Electrical and Electronics Engineering)** from JNTUK University in the year 2015.

**Technical Skills:**

**Operating System :** Linux, Windows

**Version Controls :** GIT, GITHUB

**Build Tools :** Maven

**CI&CD Tools :** Jenkins

**Scripting :** Python

**Application Servers :** Tomcat

**Web servers :** nginx, apache2 and httpd

**Configuration Management Tools :** Ansible

**Containerization Platform :** Docker

**Orchestration Platform :** Kubernetes

**Cloud Technologies :** Amazon web services

**Professional Experience:**

**Project Name :** QAMS

**Client  :** Neuland Laboratories.

**Role :** Senior Consultant

**Environment :** GIT, Maven, Jenkins, Tomcat, Python Scripting, Ansible, Docker, Kubernetes and AWS

**Duration :** Feb-2017 to till date.

**Description:**

Neuland provide solutions across the full range of the pharmaceutical industry’s chemistry requirements, from the synthesis of library compounds to supplying NCEs and advanced intermediates at various stages in the clinical life-cycle, as well as commercial launch. There strength is our expertise in manufacturing of APIs and advanced intermediates from our US FDA approved facilities. There core competency lies in the application of strong process chemistry to manufacturing in a regulatory compliant environment, which is supported by a strong, well-qualified team of more than 1000 employees.

**Roles & Responsibilities:**

* Interacted with different development teams to provide support in deployment activities.
* Co-ordinate with different development, QA and IT operation teams to ensure that there are no resource conflicts.
* Worked with multiple project managers and vendors to understand the release plans and provided support according to their requirements.
* Prepared, maintained release and deployment documents.
* Create branches and participating in merging.
* Helping users on Day to Day activities involving Check In, Check Out, View problems.
* Resolve problems related to GIT like conflicts related to merge of source code.
* Maven used as build tool to build the source code.
* Creating War/Ear files using Maven, Resolve build related issues and Deployment of packages on Tomcat.
* Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures.
* Automate the build Process Using Jenkins jobs.
* Administration of Jenkins, Configure Jenkins jobs for nightly and milestone builds.
* Integrated delivery (CI-CD process) using Jenkins and Docker.
* Involved in automation of deployment and configuration process.
* Manage branching & merging of releases for Parallel development.
* Monitor the UAT/Production Environments for any down time issues by performing regular CRON job updates in servers.
* Able to create Scripts for system administration and AWS using scripting such as BASH.
* Build server deployment on cloud servers with help of DevOps tools like Ansible.
* Maintain a live like Environment to test any production issues on the setup and push it into Production.
* Responsible for Creation and management of Ansible modules.
* Involved in DevOps migration/Automation Processes for build and deploy systems.
* Provided installation, Configuration & maintenance of Pre-prod and Production Cloud environments including services such as Tomcat, Apache and MySQL.
* Performed deployment, ongoing maintenance & Configuration of systems for maximum availability, security, Performance and documentation in a Linux based production Environment
* Provided installation & maintenance of Ansible infrastructure and developed Ansible Modules for Configuration management
* Expertise level knowledge on Amazon EC2, Elastic Load Balancer.
* Installing different application servers like tomcat on EC2 instances and assigning different security groups to instances.
* Performing deployments to multiple environments like Development, QA, UAT and Production environment.
* Containerized all the Development and Testing Environments using ***Docker*** Containerization Technology
* Writing ***Docker*** files to launch Customized Docker containers
* Writing Docker-compose files to link different Docker containers and create interlinked server architecture
* Creating ***Docker swarm*** setup to avoid Load balancing and failover scenarios
* Writing ***Docker stack*** files to launch docker swarm architecture
* Storing all Docker containers in Dockerhub repository
* Attended daily client meetings to make sure everything is in place in all the development projects.
* Worked with client to provide and revoke access to relevant environments for different teams.