**K. ANIL KUMAR**

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**PROFESSIONAL SUMMARY:**

* Having **2+** Years of experience in IT Industries as **DevOps configuration**, **Build and Release Engineer** and **AWS cloud** in **Linux** Environment.
* Hands on expertise in implementing DevOps culture through CI/CD tools like **Jenkins** and configuration management tool **Ansible** and container technology **Docker**.
* Hands on experience with version control tool like **GIT.**
* Responsible for performing tasks like **Branching, Tagging, Merging** and **Release Activities** on Version Control Tool like **GIT**.
* Having experience using **Maven** as a build tool for building deployable artifacts from source code.
* Administering Jenkins CI/CD build engine for deploying, configuring, managing, maintaining jobs as per project's requirements.
* Expertise in implementing DevOps culture through CI/CD tools like Jenkins for distributed builds (master slave).
* Good experience in Jenkins to writing **Jenkinsfile** for complete infrastructure **CI / CD** pipeline using **Groovy** Script.
* Setting up of Maven, Tomcat, Sonar, Nexus and Jenkins on build server for providing security.
* Have good knowledge and experience in AWS services like EC2, S3, EBS and IAM, ELB, Auto Scaling, VPC, AMI   etc.
* Experience in building and deploying java applications and troubleshooting the build and deploy failures.
* Application Deployment and environment configuration using **Ansible**,
* Responsible for creation and management of Ansible Playbooks.
* Extensively worked Jenkins for CI and for End-to-End automation for all build and deployments.
* Installing and configuring SonarQube**,** integrated Jenkins with SonarQube for static code analysis
* Creating custom image from a Docker File.
* Build **Docker** images with **Docker file** and make required changes and builds new **images**, Also will test the images and implementation on the **Docker images** in environmental basis.
* Experience in deploying the code through web/application server like Apache **Tomcat.**
* Maintained and managed different environments and automation for QA, Staging, UAT & Pre Prod.
* Experience with the automation of **cloud infrastructure** using **Ansible** Playbooks and **Terraforms.**
* Experience on ticketing tools Like Jira

**TECHNICAL SKILLS:**

* SCM Tools : Git, Gitlab, GitHub.
* Build Tool : Maven
* Scripting Languages : Groovy(pipeline jobs)
* CI/CD Tool : Jenkins
* Configuration Management tool :Ansible(Playbooks, Roles)
* Application Server : Apache Tomcat
* Cloud Technologies :AWS
* Operating Systems : Linux(Ubuntu,Centos)
* Artifactory Repository :Nexus
* Code Quality :SonarQube
* Container technology :Docker
* Bug/Defect Tracking Tool :Jira

**ORGANIZATION SUMMARY:**

* Working for **DevOps Engineer** in NTTDATA from AUG 2019 to till date

**PROFESSIONAL EXPERIENCE:**

* Project Name : Lumos Learning Application
* Environment : Linux, Git, Jenkins, Nexus, Ansible, Docker
* Duration : AUG 2019 to till date

**Description:**

This System is about the web-based company information which provides the user with all information regarding the functionality of the company. It involves the Inventory, Accounts, Sales and Marketing activities. Sales Management System is for marketing and sales staff for providing information regarding Products, price, Discounts, Taxes Product Specifications and Configurations for the products dealt by the organization, Orders booked by customer, Competitor information, Product availability, shipping Details and Customer details.

**ROLE & RESPONSIBILITIES:**

* Have good experience in Build/Deploy Pipeline Setup and End-to-End Job Setup of all the projects.
* Responsible for creating **Branches, Tagging, merging** and resolving **merging conflicts** in Version Control System and Updating deployed modules during release processes.
* Built Continuous Integration and Continuous Deployment using **Jenkins** and **Ansible**.
* Create Automation Job using Jenkins & Ansible.
* Created **Multiple Nodes** from **Jenkins master serve**r.
* Build the artifacts by using **Maven**. And **Gradle**
* Configuring and integrating of **Java/JDK, Maven, and Git, Sonarqube…**etc with **Jenkins**
* Creating various **CI/CD pipelines scripts** by integrating Git**,** Maven**,** SonarQube, Docker, Ansible**.**
* Managing the code quality and code review tool **SonarQube** and Managing Artifactory storage management tool **Nexus** for storing artifacts.
* Launching EC2 Cloud instances using Amazon Web Services and configuring launched instances with respect to specific applications.
* Managed servers on the Amazon Web Services platform instances using Ansible Configuration management.
* Used Ansible for Automating environment configuration, and Application Deployment.
* Responsible for creating and managing Ansible Playbooks.
* Having experience in creating custom Docker images using **Docker files**.
* Hands on experience in delivering container-based deployment using Docker.
* Created Docker images using Docker files to support Containerization of Applications.
* Build and customized Docker images as per requirement using Docker files.
* Deployed various applications through Docker Containers.
* Configuring the Docker containers and creating Docker files for different environments.
* Widely used Docker composes for creating the DEV and QA Environment.
* Experience in Applying Configurations to the PROD Infrastructure using Docker and Ansible.
* Clear understanding of deployment concepts of Tomcat/Apache and deployed various Jar/war files.
* Setting up / Monitor build server for continuous integration with Jenkins for daily/nightly and weekly based builds.
* Working on Amazon Web Services (IAM, S3, EC2, ELB, VPC, RDS, Cloud Watch)
* Creating and managing AMI/Snapshots/Volumes, Upgrade AWS resources (CPU, Memory, EBS).
* Configure monitoring tools like Cloud Watch, setup alarms and event triggers to ensure reliability of applications in the cloud.
* Works with developers, QA and Product support teams to identify and resolve build problems.
* Provide support to Production, UAT, Development environments

**EDUCATION DETAILS:**

* INSTITUTION : Jawaharlal Nehru Technological University, Anantapur.
* GRADUATION: B.TECH (ELECTRONICS AND COMMUNICATION ENGINEERING) – 2018.

**DECLARATION:**

My Personality reflects confidence, strong work ethics, determination and willingness to work hard. I have an enthusiastic attitude towards learning and have good communication skills. Planning, Analytical thinking, Problem solving, and Decision-making skills are my strengths.

The above-furnished information is true to the best of my knowledge.

Date:

Place: (K ANIL KUMAR)