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**DevOps with AWS Cloud Mobile: 7416771267**

**Professional Summary:**

* Over all 4.2 years Dedicated to optimization experienced DevOps Engineer understands the melding of operations and development to quickly deliver code to customers. Has experience with the Cloud and monitoring processes as well as DevOps development in Windows and Linux systems. Brings a bachelor’s degree in Computer Information Systems and experience working as a DevOps Engineer since shortly after the concept was introduced
* Facility with development methodologies including **Agile**.
* Core strength in Continuous Integration, Continuous Delivery and Continuous Deployment.
* Setup, configure and maintain **GIT, Maven, Jenkins, Nexus, Sonarqube, Ansible, Docker, Tomcat with AWS Cloud Services.**
* Working experience on **Docker images, Containers and writing the Docker File**.
* Having working experience on configuration management tool Ansible.
* Having experience on AWS cloud services like EC2, AMI, S3, IAM, VPC, Subnets & NAT Gateways.
* Having Experience in Build Pipelines
* Good exposer in creating The Repositories, Branching, Merging and maintaining the version across the environments using GIT to keep tracking of all changes in source code.
* Having good experience on working with **Maven** and Understanding the Build Lifecycle, **Artifacts**, **integration** with **Jenkins** and Deploying executable files to Web Servers.
* Experience on building Jenkin Jobs for **CI (Continuous Integration)**, **CD (Continuous Deployment)** methodologies and configuration Slaves in Jenkins.
* Hands on experience on repository management tool Nexus for storing Artifacts.
* Experience on configuration of SonarQube for code analysis.
* Participate in software development lifecycle, specifically infra design, execution and debugging required to achieve successful implementation of integrated solutions within the portfolio.
* Experience and good understanding in Cloud like **AWS, RedHat**.
* Proficient in troubleshooting skills with proven abilities in resolving technical issues.
* Experience with working with ticketing tools like **Jira**.
* Willing to take additional responsibilities to understand on premises/legacy system and perform deployments.

**Experience Summary:**

Currently working as a Devops Engineer at VDRIVEINFO PVT LTD from March 2018 to till date.

**Education:**

Completed B.tech in 2018 from SRM Institute of science and technology(ECE) with 6.3

Completed intermediate in 2014 from Narayana Junior college with 85%

**Technical Skills:**

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| --- | --- |
| **Skills** | **Tools** |
| SCM Tools | GIT, SVN |
| Build Tool | Maven |
| CI & CD Tool | Jenkins |
| Containers and Orchestration | Docker, Kubernetes |
| Web and Application Server | Tomcat |
| Monitoring Tool | CloudWatch |
| Scripting Languages | Shell Scripting |
| Cloud Services | AWS |
| Operating System | Linux, Windows |
| Configuration Management Tool | Ansible |
| Defect Tracking & Ticketing Tool | Jira |
| Infra Provision Tool | Terraform |

**Professional Experience:**

**Project 3:**

**Client :** Kellogg’s

**Role :** Build & Release Engineer

The Kellogg Company, doing business as Kellogg's, is an American multinational food manufacturing company headquartered in Michigan, United States. In 1907. Kellogg's produces convenience foods, crackers and toaster pastries and markets their products by several well-known brands including Corn Flakes, Frosted Flakes, Pringles, Ego and Cheez-It. Kellogg's products are manufactured and marketing in over 180 countries.

* Involved in various phases of Software Development Life Cycle **(SDLC)** as requirement gathering.
* Implemented agile methodology throughout the project development lifecycles.
* Implemented end - end pipeline starting from build to deployment to higher environments like DEV, Stage, PPE and Production.
* Creating Docker files as per requirement.
* Using Docker Images and Containers to achieve Continuous Delivery goal.
* We create branches for developers based on requirements in GitHub.
* **Installing, Configuring and Administering Jenkins CI tool on Linux machines**.
* Analyzing and Resolve conflicts related to merging of source code for GIT.
* Implemented the setup for Master Slave architecture to improve the Performance of Jenkins.
* Configured and Automated the Jenkins build jobs for continues Integration.
* Integrate GitHub with web hooks to trigger Continuous Integration tools like Jenkins. Jenkin Jobs creations and configure build steps for CI & CD in all environments.
* Installed/Configured and Managed **Nexus** Repository.
* Involved in writing the **YAML** script for Ansible Playbooks.
* Implemented a Sonar software quality for testing the code quality.
* Managing Backups of Instances in the form of Snapshots.
* Configure EBS for EC2 instances, take EBS snapshots and back up into S3 storage.
* Promotion the code based on different environments like QA, UAT and Prod.
* Helping to users on day to day activities involving Check In, Check-out and access related problems.
* Managing Amazon Web Services like EC2, S3 buckets, AMI, IAM and Cloud watch.
* Managing application upgrades and Server patches weekly basis.
* Worked on Tickets to solve bugs/tracking within time and assigning corresponding teams.
* Implemented AWS Code Pipeline and Created Cloud formation JSON templates in **Terraform** for infrastructure as code.
* Used Jenkins for continuous integration and deployment.
* Used SonarQube to request perform and manage code reviews.

**Project 2:**

**Client**  **:** eBay

**Role** **:** Build & Release Engineer

**Project Description:**

eBay Inc. is an American multinational e-commerce corporation based in San Jose, California, that facilitates

consumer-to-consumer and business-to-consumer sales through its website.

**Roles & Responsibilities:**

* Create and manage custom applications for software deployment and tool integration using Jenkins.
* Creating the new jobs and build the Jenkins jobs through **Maven**.
* Managing source code branches for multiple repositories.
* Involved in Amazon Web Services (AWS) provisioning and AWS administrations like EC2, Cloud Watch, IAM.
* Integrated Git into Jenkins to automate the code check-out process.
* Creating and registering the node in Jenkins.
* Developed and maintained the continuous integration and deployment systems using, Maven, Jenkins.
* Created Branches and performed Merges in Git.
* Involved in setting up builds using **Ansible** as a configuration management tool.
* Created Ansible playbooks and roles.
* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using Ansible.
* Create Playbooks, automation tools and builds, and do an overall process improvement to any manual processes.
* Designed work flows to automate the Build and Deploy Process.
* Installed Jenkins on a Linux machine and created a master and slave configuration through a build farm for implementation of multiple parallel builds.
* Involved in **Writing Docker files** to build customized images for creating containers.
* Collaborated with development support teams to setup a continuous delivery environment with the use of Docker.
* Experienced with **AWS EC2** instance provisioning and orchestration.
* Provisioned EC2 instances configured auto-scaling and defining cloud formation JSON templates using Ansible modules.
* Designed and worked on a CI/CD pipeline supporting workflows for application deployments using Jenkins and AWS CloudFormation.
* Used Docker as a Containerization tool.
* We are using Ansible as primary automation tool in configuring and deploying artifacts to several environments.
* Used Ansible and other configuration management tools to deploy consistent infrastructure code across multiple environments.
* Managing Jenkins artifacts in Artifactory repository and versioning the artifacts with time stamp.
* Inform through mail the compilation errors to the responsible team with error logs.
* Support daily builds and product releases on Linux platform.
* Used **Nagios** as a Monitoring Tool.
* Create and maintain highly scalable and fault tolerant multi-tier AWS environment spanning across multiple availability zones using Terraform and CloudFormation.
* Write terraform scripts for building Dev, Staging, Prod and DR environments.

**Project 1**

**Client:** TRAMS-support (Thomson Reuters Application Management Services)

**Role :** Devops Engineer

**Project Description:**

The Novus Suite Architecture was implemented by leveraging a collection of Thomson Reuters software modules originally termed CAMS (the Cobalt Application Management Suite). Over time, CAMS was repurposed to be a more general set of modules which could be used by any number of software products within the company. To highlight the technology neutral role of these services, CAMS was renamed to TRAMS (the Thomson Reuters Application Management suite).

**Roles and Responsibilities:**

* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using **ANSIBLE**.
* Configuring the Docker containers and creating docker files for different environments.
* Designed Puppet Modules to manage configurations and automate installation process.
* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT source control**.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the application servers using the CLUSTERING SERVICES WITH **KUBERNETES**.
* Continuous Delivery is being enabled through Deployment into several environments of Test, QA, Stress and Production using Jenkins.
* Maintained build related scripts developed in **Maven** and **Shell**. Modified build configuration files including **MAVEN'S POM.XML**.
* Automate the builds and deployment of JAVA projects using Maven and Jenkins.
* Implement, maintain and support reliable, timely and reproducible builds for project teams
* Hands on experience in automating builds and deployment process using Shell scripting.
* Created the VPC’s, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created.
* Hands on experience in **EC2, VPC, Subnets, Security Groups, Cloud Watch AWS**.
* Managed and monitored the server and network infrastructure using Nagios.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Provided end-user training for all GitHub users to effectively use the tool.
* Created and configured KUBERNETES CLUSTER using AWS KOPS WITH **KUBECTL**.
* Maintained PODS, SERVICES, LOADBALANCERS, SECRETS, CONFIG MAPS AND DEPLOYED APPLICATIONS to cluster for CONTINUOUS DEPLOYMENT.