**DEVOPS/AWS**

**Name: XXXXXXXXXXXXXX**

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Having **around 4+ Years** of professional experience in build and release and software configuration management which includes Environment Setup, Build Automation, and Continuous Integration and continues Deployment **CI/CD**, cloud **AWS**, SCM process improvements and Deployments Web applications.

**Professional Summary**

* Having around **4+** Years of Experience as a “**DevOps/Build & Release Engineer**” for Java Based Web Applications**.**
* Implemented Infrastructure automation through Ansiblefor auto provisioning, code deployments, software installation and configuration updates.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, GIT, Docker, on AWS. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, tests deploy.
* Having Experience in implementation of **CI/CD.**
* Good knowledge in writing terraforms for **AWS Environment Provisioning.**
* Working experience in writing the**Ansible playbooks** for creating AWS services like **VPC,EC2,S3, AUTOSCALING,ELB etc.**
* Configuring the **Docker** containers and creating **Docker files** for different **environments**.
* Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins.**
* Working experience in **Stage**, **UAT** and **Production** environment using **ANSIBLE**.
* Worked in **JIRA**automation in **Jenkins** build and deployment process.
* Installed number ofplugins in **Jenkins** for project requirement.
* Configured **Build Machines** or **Nodes** in **Jenkins**.
* Good knowledge in Setting up Chef **Workstation**, **Bootstrapping** various enterprise Nodes, setting up keys.
* Knowledge in automating the build and release and deploying the packages using the **Chef**.
* Good experience in automating the process of uploading the packages from **Jenkins** using backup repository **Jfrog**.
* Responsible for administering and supporting version control systems (**GIT**) on **Linux**.
* Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches in **GIT**.
* Expert in build automation tool **MAVEN** for **Build development** in Windows and **Linux**.
* Extensive experience using **MAVEN** as build tool for the building of **deployable** artefacts from source code.
* Experience in **Build & Release** Activities, which involves Building source code, handling and Administration of Version control tools **(Git),** maintaining **CI** environments (**Jenkins**).
* Build, Configure, Manage and Coordinate all **Build** and **Release** Management activities.
* Expertise in Installation, **Configuration**,**Administration** and Maintenance of **CI** tools Jenkins.
* Experience with Application servers configuration and management.
* Install/Configure build, package and deliver java application to Application server.
* Responsible for the **development** of tools, scripts, installation procedures and systems including source code control and issue tracking.
* Ability to troubleshoot build and **deploymentissues**.
* Capable of working **independently** and as well as a part of a team.
* Good work experience in **end-to-end Building, deploying** and configuration process and Implementation from local **QA** environment to **UAT** and Production.
* Taking care builds and deployments in local, staging and production environments.
* Experience in supporting applications on different platforms Windows and Linux environments.

Education:

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**Technical Proficiency**

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| **Scripting language** | Shell scripting |
| **Development Environment** | Linux |
| **Orchestration Tool** | Kubernetes |
| **Build Tool** | Maven |
| **Continuous Integration** | Jenkins |
| **Deployment Tools** | Ansible |
| **Containerization Tool** | Docker |
| **Cloud Environment** | Amazon Web Service(EC2, S3,CloudWatch, RDS, ELB, IAM,AMI) |
| **Version Control System Tools** | GIT |
| **Operating Systems** | Linux, Centos,Ubuntu,RedHat |

**Professional Experience**

* **Working as a Devops Engineer for Tech Mahindra, Hyderabad from Dec 2017 to till date.**

**ROLES & RESPONSIBILITIES:**

* Creating a Labels and support branches.
* Manage code repositories (branching, labelling etc.).
* Adding /Deleting, Permissions and Customizing Views and Branches.
* Coordinate build and deploy activities.
* Worked deploying the packages in production using **Ansible playbooks**.
* Involved in the release process and deployed applications (WAR, EAR and JAR) to the Red hat satellite server.
* Running and monitoring nightly builds in all Java platforms.
* Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
* Performing installation testing on builds before handing over to **QA team**.
* Worked with developers, QA and Product support teams to identify and resolve build problems.
* Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
* Develop and maintain build and release process documentation.
* Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
* Assisting development team in resolving issues with build, environment, SCM and tools.
* Launching and configuring of Amazon **EC2 (AWS) c**loud Servers using **AMI's (Linux/Ubuntu)** and configuring the servers for specified applications.
* Worked in Amazon Web Services **(AWS) VPC, EC2,** Cloud formation,**S3, IAM, RDS**, Route **S3**, **Cloud Watch**,
* Utilized **Cloud Watch** to monitor resources such as **EC2**, **CPU** memory, **EBS volumes**; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
* Implemented AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Autoscalling, IAM, S3, R53
* Creating the **Git** Repositories.
* Written **Dockerfiles** for **staging** and **production** environment.
* Setup and launch Amazon Linux and RHELs **EC2** instances, network interface with Elastic IP’s.
* Deployed and monitor scalable infrastructure on Amazon web services (AWS) and configuration management.
* Configured and managing security groups and VPC.
* Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
* Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
* Develop and maintain build and release process documentation.
* Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
* Assisting development team in resolving issues with build, environment, SCM and tools.

**Environment:** Linux, GIT, Jenkins, AWS (EC2, ELB, AutoScaling, S3, VPC, AMI, IAM,). CI/CD Jenkins, Apache, Maven, ANSIBLE, Kubernetes.