**RAVITEJA Y**

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**Objective:**

Looking forward to associate with a tolerant organization that provides opportunities to expand knowledge and skills according to modern development.

**Professional Summary:**

* Having **4.8**years of IT experience **as Devops Engineer& Amazon Web Services.**
* Having good experience in **Devops** automation, Build and Release Management, **Configuration Management**, **Continuous Integration**& Continuous deployment for various applications.
* Experience in using **Git, Jenkins, Ansible**, **Maven, Dockers, Nexus, Sonarqube, Nagios,Kubernetes, Tomcat, Linux**and **AWS**.
* Experience in source code management concepts such as **Branching** and **Merging**.
* Integrated **SonarQube** with Jenkins for continuous inspection of code quality.
* Experience in using Nexus and Artifactory repository managers for Maven builds.
* Build pipeline for **continuous integration** and **continuous deployment** by using **Jenkins.**
* Experience in deploying the applications, configuring and administering **Jenkins** in **Linux** machines and **creating nodes in Jenkins**, which distributes the loads and run the jobs parallelly.
* Worked on Jenkins pipelines involving several Downstream/Upstream job configurations based on dependencies from other applications & based on release methodologies.
* Experience in provisioning, orchestration, configuring nodes and deployment using **ansible.**
* Expertise in writing playbooks for installing the packages like **Apache**, **tomcat**, **MySQL**, **nginx** in Linux machines.
* Experience on **Docker-compose** to create multiple containers and clusters for Dev, QA, UAT/staging environments.
* Clustering and managed local deployments in **kubernetes**.
* Provided consistent environment using **kubernetes** for deployment scaling and load balancing to the application from deployment through production
* Expertise in **AWS cloud services** such as **EC2, EBS, IAM, AMI, VPC, cloud watch, S3, Beanstalk, RDS.**
* Design roles and groups for users and resource tags using AWS Identity and Access Management(IAM).
* Design highly available, cost effective and fault tolerant systems using multiple EC2 instances, Auto scaling, Elastic Load Balancer and AMIs.
* Experience in creating highly available VPC’s in AWS cloud.
* Experience in troubleshooting the build and deployment failures.
* Having good experience in **Agile** methodology.
* Excellent track record of successful completion under tight deadlines.
* Good communication skills, self-motivated, detail oriented, time bound, responsible team player and ability to coordinate in a team environment.

**Technical Skills:**

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| --- |
| * Operating System : Linux, Windows. |
| * Cloud : AWS |
| * Version Controls : GIT |
| * Application Server : Apache Tomcat |
| * Continuous Integration : Jenkins |
| * Configuration Management Tool : Ansible |
| * Container Service : Docker |
| * Monitoring : Nagios, CloudWatch |
| * Orchestration :Kubernetes |
| * Virtualization :Virtual Box, Vagrant. |

**Qualification:**

* B.Tech from Sri Saradhi Institute of Engineering and Technology, Krishna dist, in 2014.

**Certification:**

* AWS Certified SysOps Administrator- Associate.
* AWS ID: AWS01186659

**Employment Details:**

* Working as **Devops Engineer**- Build, Integration & Release in **Indologics, Mumbai** fromDec-2015 to Aug-2020.

**Project Experience:**

**Project Name : Visa Prepaid Services**

Client : Visa/wire card AG

Environment : Linux, AWS

Scripting language : Python, Bash script

Tools : Git, Jenkins, Aws,Ansible, Docker, Kubernetes

Role : Devops Engineer

Duration :JUNE 2017 to Aug 2020

**Description:**

Visa prepaid services comprises of providing the end to end service of maintaining and enhancing the Prepaidcard services working with nearly 30 recognized banks around the globe like ANZ, KIWI, CIBANCO, INCOMM,ICICI, HDFC, UAEX etc. Front end web application comprises of technologies involving Java, j2ee and back end system logic completely written in Pro\*C, Oracle with Unix servers.

**Roles &Responsibilities**

* Deployed and configured **GIT** repositories with branching,forks, tagging, merge requests, and notifications.
* Responsible for installing **Jenkins master** and **slave nodes**.
* Configured**Git**with Jenkins and schedule jobs using **POLL SCM** option.
* Constructed Continuous Integration and Continuous Delivery pipeline project in Jenkins for automation of daily deployment process.
* Responsible for building, deploying and releasing of code from one environment to another environment.
* Responsible for writing playbooks using **Ansible** for continuous deployment.
* Responsible for monitoring tools like Nagios and Amazon Cloud watch to monitor major metrics like Network packets, CPU utilization, Load Balancer Latenc .
* Provide responsive off-hours support in a 24/7 environment and ensure maximum availability of all servers and applications.
* Following the phenomenon of Build, Ship and Run, authored Docker file to create various images upon result of each build from Jenkins and pushed it into Docker hub.
* Configure, monitor and automate Amazon Web Services.
* Created and managed Centos and Linux based AMIs
* Setup Elastic Load Balancer for distributing traffic among multiple servers.
* Involved in deploying the content cloud platform on Amazon Web Services using EC2, S3 and EBS.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket backup on AWS
* Implemented Testing Environment for Kubernetes and Administrated Kubernetes Clusters.
* Deployed and orchestrated application on Kubernetes clusters(scale up and Scale down)

**Project:**

**Project :CLARIES.**

Client :Moody's.

Environment : Agile,Linux, AWS

Scripting language : Bash and shell

Tools : Git, Jenkins, Aws,Ansible

Role :Devops Engineer

Duration :Dec 2015 to MAY 2017

**Description**:

The Element offers strategic fleet consulting services that identify hard-dollar savings and improve driver and vehicle productivity. With a suite of industry-leading analytical tools and a steady pulse on the fleet industry, we assess your specific fleet information against industry trends and metrics, as well as peer-company benchmarking data. This enables us to deliver insights and ideas, turning our counsel into action while remaining fully engaged every step of the way

**Roles &Responsibilities**

* Setting up the new builds and deployment environment for application.
* Creating Branches whenever required as per the request from development teams.
* Implemented the Release practice and responsible for pushing builds into QA / Performance environments
* Deploy, configure and manage test runtime environments.
* Involved in Deployment of the application using Tomcat.
* Project involved the usage of maintaining repository and version controlling.
* Worked on Jenkins tool to configure Nightly Builds to check sanity of our code.
* Performing deployments to multiple environments like Dev, QA, UAT & Production environments.
* Created Jenkins pipeline for continuous code analysis, Junit testing and packaging the source code.
* Set up Master – Adding Slave Nodes in Jenkins platform for build and optimized build time.
* Developed Ansible Playbooks for Creating infrastructure and install required software
* Installed the application on AWS EC2 instances and also configured the storage on S3 buckets.
* Setup of Virtual Private cloud.
* Monitoring & Metrics - Using Amazon Cloud watch, monitor infrastructure and applications such as EBS, EC2, ELB, and S3.
* Prepare environment specific builds and deployment for different environments with a very less down time using ELBs and High Availability clusters.
* Have written Dockerfile to build Images.