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**PROFILE SUMMARY**

Having **4.3 Years** of IT experience as an **DevOps** **Engineer** with expertise in areas of Software configuration Management, Version control, Build and Release Management, Linux System Administration, Experienced in branching, tagging and maintaining the version across the environments using SCM tools like **GIT, Bit bucket**. Experienced in **Orchestration tool like Docker, Kubernetes. Hands on Experience on Continuous Integration tool like Jenkins.**

**Skill Summary**

* Implementing **CICD** Process, Good in implementing pipeline as a code in Jenkins.
* Good hands –on knowledge of Source Code Management (Version Control System) tools like GIT and Bit Bucket.
* Hands on experience With DevOps essential tools like **Docker, Kubernetes,**

**GIT, Jenkins and Maven .**

* Responsible for Dev, QA, Staging Environments for availability.
* Hands on experience on Continuous Integration tool like Jenkins.
* Knowledge of software development life cycle methodologies **Agile.**
* I Have experience in cloud Technologies like Amazon Web services. **VPC, EC2, ELB, AMI, IAM, S3, Cloud Front,** **Auto Scaling Cloud Formation.**
* Creating **SSL** Certificate Using **AWS Certificate Manager.**
* Implemented Kubernetes to deploy scale, load balance and manage Docker containers with multiple names spaced versions and good understanding of Open Shift Platform in managing Docker Containers and Kubernetes Clusters.
* Managing users and privilege Service using **AWS** in AWS.
* Good experience on users Level **Linux** commands.
* Experience in deploying the code through web/application server like **Apache, Tomcat.**
* Trouble shooting Linux Servers, Memory Checks, process checks etc..
* Experience in creating different profiles on different platforms in Tomcat Application Sever.
* Having Experience on setting up and managing **Docker private repository** and maintaining the Containers using **Docker.**
* Knowledge on Writing **Terraform** of IAAS in AWS
* Experience in Monitoring the Whole infrastructure using Nagios and cloud Watch
* Knowledge with **Kubernetes and Openshift** Container Orchestration tool to deploy & maintain containers.
* Having good understanding and knowledge in creating **Kubernetes** manifest file like **Pod, service, daemon sets, replica sets, replica controller, and deployments.**
* Automated actively participate in daily SCRUM meetings and perform daily risk analysis of backlogs.
* Experience in working on version control system **GIT**.
* Maintain GIT Repositories, Handling Releases and Branching activities for **GitHub**.
* Have good Understanding and knowledge in **Linux, Shell Scripting.**

**Educational Details**

* Bachelor of Technology (B.Tech) from JNT University Kakinada

**TECHNICAL SKILLS**

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| --- | --- |
| **Cloud Services:** | Amazon Web Services (AWS) |
| **Web Server Administration:** | Apache, Tomcat |
| **OS :** | Windows, Linux |
| **Database Administration:** | MySQL |
| **Server & Service Monitoring:** | Splunk, Cloud Watch,Grafana |
| **Scripting:** | Bash, Shall Scripting, Groovy |
| **Continuous Integration:** | Jenkins, |
| **Source Control:** | Git, GitHub |
| **Build Tools:** | Maven, Gradel, |
| **Virtual Environment :** | VMware, Virtual box, |
| **Container Technology :** | Docker and Kubernetes, OpenShift. |
| **Project Management:** | Jira And ServiceNow |

**PROFESSIONAL EXPERIENCE**

* **Working as a Devops Engineer at Tech Mahindra from 5-OCT-2022 to Present**
* Worked as a **DevOps Engineer** for **HDB Financial Services Limited.** From **30 -SEP-2021 to 30-Sep-2022**

* Worked as a **System Engineer** for **GJ Solutions India Private Limited** from **25-MAY-2019 to 20-Jan-2021**

**Project#3**

Project **:** IMS (Insurance Management System)

Client **:** Royal Force Alliance

Duration : 5-OCT- 2022 to Present

Role **:** DevOps Engineer

Environment **:**Git, GitHub, Maven, Jenkins, SonarQube, Nexus, **Docker,Kuberneties,Grafana.**

**Description:**

**Royal Force Alliance** is one of the reputed insurance companies in UK. It provides a wide range of insurance policies such as life insurance, Fire insurance, Motor vehicle insurance, Accidental and Health care insurance etc.

**Roles and Responsibilities:**

* Creating CI/CD pipelines by integrating **Git, GitHub, Sonarqube, Maven, Jenkins, SonarQube, Nexus and Docker.**
* Good experience in automating deployment **pipelines** using **GROOVY script**.
* Responsible for **Dockerizing** applications.
* Configuring the **Docker container** and creating Docker files for different environments.
* Experience in writing **Docker files**, docker compose files and also Responsible for managing the private repository**(Nexus)**.
* Responsible for creating & configuring **docker volumes**.
* Responsible for creating **kubernetes cluster**, implemented CI/CD using Jenkins &**kubernetes cluster** and deploying docker images in kubernetes cluster.
* Responsible for creating **Kubernetes manifest** files like Daemon sets, replication controller and Deployments.
* Manage users and permissions in grafana
* Create, edit, and delete organizations
* View server-wide settings defined in the Configuration file
* View Grafana server statistics, including total users and active sessions.
* Experience with Data visualization using Grafana.
* Experience with Data visualization, creating Grafana dashboards to display time-based data plots.
* Administered and Implemented CI/CD tool **Jenkins** for automated builds and Installing Plugins in **Jenkins** as per project requirements.
* Established coding standards and enforced them through automated tools (**SonarQube**).
* Involved in installing **Jenkins** on a **Linux** Machine and creating a **Master** and **Slave** Configuration to implement multiple parallel builds.
* Experience in using **tomcat** application which is running under Kubernetes cluster.

Troubleshooting application related issues and providing logs to developers for further investigation.

**Project** #**2**

**Organaization : HDB FINENCIAL SERVICE LIMITED**

**Role** : **DevOps Engineer**

**Duration : 30-Sep-2021 to 30-sep-2022**

**Environment**:

AWS, Jenkins, Dockers, Open shift, Kubernetes, GitHub, Maven, Apache, Tomcat, VM ware, Linux.

**Roles and Responsibilities:**

* **AWS** Management Console and Administration activities
* Good experience Maintaining core business-critical systems as well as our cloud infrastructure.
* Have performed in performing deployments in **AWS** cloud environments.
* Worked on **S3's** buckets, and **ELB** for distributing traffic among multiple web servers.
* Exposure to complete product development and release engineering cycles.
* Creating **AMI**s, **Snapshots**, **and Volumes,** and managing **EBS** Volumes.
* Taking snapshots on monthly basis for backup purposes. For storage managing **EBS** and **S3** (Simple Storage Service).
* Developing build and deployment pipelines using **Jenkins**, **Maven** for Java applications.
* Creating new Build jobs, Plugins installation, and management, Test case integration, setting up master/slaves using Jenkins.
* Experience in **JENKINS** to schedule a job as per the requirement, report monitoring, and notification functionality to report success or failure.
* Used Maven as build tools on java projects for the development of build artifacts on the

Source code.

* Containerizing applications with **Docke**r.
* Using Jenkins, and Git for the creation of custom **Docker container** images, tagging, and pushing the images. worked on the customized Docker networks
* Automate operations management by developing scripts as needed.
* Experience in building management and continuous integration tools. (**Jenkins**)
* Collaborate with Engineers and System Administrators on technical issues.
* Performed Branching, Tagging, Release Activities on Version Control Tools: **GIT**.
* Tracking and monitoring all the automation scripts with the source code management tool such as GitHub.
* Identifying and rectifying build/deployment problems.
* Daily involved in team stand-up calls.

**Project** #**1**

**Role** : **Support Engineer**

**Client : Sun Direct**

**Duration : 25-May-2019 to 20-jan-2021**

**Environment**:

Linux evn, AWS services (EC2,S3,RDS,VPC),Git.

**Description:**

**Sun Direct** is an Indian [subscription based](https://en.wikipedia.org/wiki/Subscription_business_model) [satellite television](https://en.wikipedia.org/wiki/Satellite_television) service provider, owned by [Sun Group](https://en.wikipedia.org/wiki/Sun_Group). It was launched in December 2007. It transmits digital satellite television and audio to households in India.

**Roles and Responsibilities**:

* all the automation scripts with the source code management tool such as GitHub.
* Used Maven as a build tool on Java projects for the development of build artifacts on the source code.
* Experienced in defining various build and release workflows.
* Extensively used Jenkins for continuous integration & delivery
* Configuring Jenkins jobs and scheduling jobs using **POLL SCM** option and integrated the tools with Git & Maven. Working experience in continuous integration using **GitHub, Maven, Jenkins,** and **Aws.**
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Performed Branching, Tagging, Release Activities on Version Control Tools: **GIT**.
* Tracking and monitoring
* Deploying the artifacts in different environments by creating a pipeline in Jenkins.
* Troubleshoot Build and Deployment Issues, with little downtime.
* Creating EC2 Instance using image selection and adding N/w security using **VPCS**, Subnets, Security Groups, Route Tables in **AWS**
* Created alarms in **Cloud watch** service for monitoring the server performance.
* Worked on S3's buckets, ELB for distributing traffic among multiple web servers.
* Creating **AMI**s, **Snapshots**, **and Volumes,** and managing **EBS** Volumes.
* Taking snapshots on monthly basis for backup purposes. For storage managing **EBS** and **S3** (Simple Storage Service).
* Installed and configured Jenkins with different tools (plug-ins) for the continuous integration process.
* Deploying the **JAR** and **WAR** into Tomcat Application Server.
* Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Automated nightly build, test, and reporting mechanisms using Jenkins.
* Monitoring various resources such as CPU utilization, memory utilization, and file System space issue.
* Identifying and rectifying build/deployment problems.
* Daily involved in team stand-up calls.