MITHUN T S

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**PROFESSIONALSUMMARY:**

* + Having around 3.4 yrs of IT experience and 3.1 years as a **AWS&DevOp**s Engineer in automating, building, deploying, managing and releasing of code from one environment to other environment tightly maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple Managed environments
  + Hands-on Experience in using Version Control Tools **GIT**
  + Having sound knowledge in **Jenkins, Docker, Ansible, Kubernetes**
  + Automated build and deployment process with Jenkins and Maven, eliminating manual work, reduce human error and speed up production processes
  + Have good Experience on **writing shell scripting**
  + Have good knowledge on **Helm** for deploying applications on **Kubernetes cluster**.
  + Have good knowledge on **Terraform for AWS (IAC**)
  + **Integrating Jenkins** with Git and Maven, setting up pipeline jobs, experience in using multiple plugins
  + Integrating Kubernetes and Docker with Jenkins and achieved CI/CD pipeline
  + Setting up **Kubernetes cluster** with **Kubeadm and KOPS structures** and have done deployment
  + Having good experience in creating **Docker containers, Docker volumes, Docker images**
  + Creating customized Docker images and uploading in **HUB**
  + Setting up and working with **Ansible**, very good experience in **writing playbooks, Ad-Hoc commands**
  + Worked on AWS Cloud platform and its features which includes **EC2, Elastic Load Balancers (ALB, NLB), Auto Scaling and Target Groups, Storage Mechanisms (EFS, EBS, and S3), AMI, Route 53, IAM, Cloud Front, EKS, ECR, Cloud Watch and SNS.**

**PROFESSIONAL DETAILS:**

WorkingasDevOpsEngineeringHealthcare Global Enterprises Ltd

**EDUCATIONAL DETAILS:**

* BachelorofBusiness Management from UniversityofMysore | 2017

**ADDITIONALSKILLS**

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| --- | --- |
| **Operating Systems** | Windows, Linux |
| **SCM Tools** | GIT, Gitlab, Github |
| **CI Tools** | Jenkins |
| **Web & Application Servers** | Apache Tomcat, Nginx |
| **Scripting** | Shell Scripting |
| **Build Tools** | Maven |
| **Configuration Management Tools** | Ansible |
| **Containerization Tools** | Docker,DockerCompose,Docker Swarm |
| **Containerization Orchestration Tools** | Kubernetes, Kubectl Cluster |
| **Artifact Repository Tools** | Jfrog |
| **Code Quality** | SonarQube |
| **Monitoring Tools** | Prometheus &Grafana |
| **Infrastructure Automation Tool** | Terraform and CloudFormation |
| **Cloud Platform** | AWS |
| **Package Manage** | Helm |

**CAREER PROFILE (starting from the most recently executed):**

Project 2

Project Title : **United HealthCare**

Role : DevOps-AWS Engineer

Description:United Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications, and services, supported by its Edison intelligence platform.

Roles & Responsibilities:

* Automated build and deployment process with Jenkins and Maven, eliminating of manual work, reduce human error and speed up production processes.
* Used GitLab as Source code management platform
* Created a pipeline for CI and Component Testing Of components like Monitoring, Logging, etc. On both Cloud and On-premises K8’s Clusters.
* Integrating Jenkins with Git and Gradle, SonarQube, setting up pipeline jobs, experience in using multiple plugins.
* Integrating Kubernetes and Docker with Jenkins and achieved CI/CD pipeline.
* Having good experience in creating Docker containers, Docker volumes, Docker images
* Creating customized Docker images and uploading in HUB.
* Integrated Jenkins with EKS cluster for automated deployment of Helm charts

**Environment**: Git, Jenkins, Maven, Gradle, SonaQube, Docker, Jfrog, AWS

Project 1

Project Title :**Applied Materials (PDPART Application)**

Role : DevOps-AWS Engineer

Description: On a Java web-based platform, the PDPART application was architected and built. The application has been designed in all contexts in order to achieve the goal of easy maintainability of employee access requests, manager approvals, and Application Admins.

Roles & Responsibilities:

* Setup and manage DevOps CI/CD flow.
* Configured Jenkins CI tool for project and setup builds whenever source code changes.
* Automated the code deployment process in each environment (development, QA).
* Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using Jenkins.
* Installation, Configuration and Administration of Jenkins over LINUX build machines in distributed mode over Nginx and configured jobs along with various plug-in for Continuous Integration.
* Participates in meeting and release the builds to development and QA servers.
* Responsible for the deployment on Linux for Dev/ QA environment using Nginx.
* Creating Ansible playbooks as per the requirement and also good into Ad-Hoc commands.

**Environment**: Git, Jenkins, Maven, Ansible, Nginx, Linux, AWS