**Full Name: Achyut Prasad Ammaladdine**

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**Phno: +91 7815941500**

**Professional Summary:**

* Having 5 years of experience in IT sector.
* Around **3** years of experience in **Automating Deployments/ Continuous integration**/**Software Configuration** and on other several **DevOps** process.
* Experienced in working on **DevOps** operations process and tools.
* Extensively worked with Version Control System like **GIT.**
* Experience on **Azure DevOps, git,** and git workflows.
* Implemented few CI/CD pipeline flows on **Jenkins**.
* Administered and Implemented **Jenkins** for automated/scheduled builds.
* **Administration** and creation of Individual **Jenkins** jobs, including automatic generation, reporting, and alerting of build failures and build status indicators.
* Good knowledge in using build tool like **MAVEN** for the building of deployable artifacts such as **War & Jar** from source code.
* Good Experience in **Docker** like creating **Docker Images** and composing them to **Docker Containers.**
* Changed Role based access to project-based security to give limited access to developers for build and deploy the changes.
* Have Good knowledge on **Docker swarm** clusterized environment.
* Have good knowledge on **Kubernetes** architecture**.**
* Have good knowledge on **Kubernetes** concepts like **pods, Replicas, Deployments.**
* Have good knowledge on **Kubernetes services like NodePort, Cluster IP, load balancer.**
* Have good knowledge on **Kubernetes deployments – Rolling updates, rollback**.
* Have good knowledge on **Kubernetes scheduling** – **manual scheduling, node affinity, labels and selectors, Taints and tolerances, static pods, multi schedulers etc.**
* Configured the ingress routing issues which related to Kubernetes.
* Deployed many services by using **Helm charts**.
* Very good understanding on **Microservice** architecture.
* Have good knowledge on **AWS** **VPC, Subnet, ALB, NLB, EC2 instances, IAM Roles, ACM,** **RDS** & **CloudWatch**.
* Good knowledge in **ARM templates, automated ARM resource creation using ARM templates**
* **Implementing ARM templates for the Azure Resources**
* Implementing security for the applications in cloud and the data in Azure by using Key Vault, SAS tokens of Storage Accounts, **Role Based Access Control and restring the access from specific networks to the PaaS services**
* Implementing **Build and Release pipelines** as a part of Continuous Integration and Continuous Deployment using Azure DevOps.
* Implementing **PowerShell I script, ARM template, and terraform** to automate the

PaaS services based on the user request from SRS sheet by generating JSON file.

* Installed Mifos by using Shell script in all the environments like **Dev, Twinn & Prod**
* Worked on maintaining CI & CD pipelines and delivering releases for multiple Applications running on Linux based distributed Infrastructure.
* I grasp new concepts and ideas quickly.
* As the client requirement can support the night shift also.
* Strong ability to troubleshoot any issues generated while building, deploying in

production support.

**Professional Experience:**

* Working as SDE1 in **Maveric Systems Limited** from August 2021 to till date.

Technical Skills:

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| --- | --- |
| **Operating Systems** | Linux, Windows |
| **Version Control Tools** | GIT, GitLab |
| **Scripting Languages** | Shell Script, Groovy programming language |
| **Databases** | MySQL |
| **Build Tools** | Maven |
| **Cloud** | GCP, AWS & AZURE |
| **Continuous Integration** | Jenkins |
| **Containerization** | Docker |
| **Containerization Orchestration** | Kubernetes |

**Project:**

|  |  |
| --- | --- |
| **Client/Project** | **CIM Application** |
| **Role** | DevOps Engineer |
| **Specialization** | Jenkins & Docker |
| **Duration** |  |

**Roles and Responsibilities:**

* Handling infrastructure changes and DevOps domain issues on a day-to-day basis.
* Experience in the practices, processes, and tools necessary to implement and support DevOps.
* Responsible for tracking and resolving the deployment issues during the build and deployment phase.
* Hands on knowledge of customizing build and deployment implementation process during life cycle of project and tools like **Git/GitHub**, **Jenkins, Maven & SonarQube.**
* Work with development teams to assist with various automation and configuration tasks.
* Nexus for automatically storing the artifacts after a successful **Jenkins build. Creating repositories, manipulating, and deploying artifacts.**
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Experience in the practices, processes, and tools necessary to implement and support DevOps.
* Responsible for tracking and resolving the deployment issues during the build and deployment phase.
* Work with development teams to assist with various automation and configuration tasks.
* Using Configuration management tool **Ansible to configuration into multiple servers.**
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and
* **End-End Job Setup of all the projects**.
* Creating and building Docker images, containers and writing docker files.
* Experience in creating **Docker images and managing Docker registry** (Harbor)
* Configured Maven build automation tool and integrated with Jenkins.
* Integrated delivery (CI and CD process) using Jenkins.
* Building the source code using **Git, maven, and Jenkins**.
* Design and develop **continuous integration and continuous deployments** with tools like **GIT and Jenkins**.

**Project:**

|  |  |
| --- | --- |
| **Client/Project** | **PERCIPIENT UNI Connect** |
| **Role** | DevOps Engineer |
| **Specialization** | Jenkins,Docker,Kubernetes, AWS, GCP, AZURE |
| **Duration** |  |

**Roles and Responsibilities**:

* Handling infrastructure changes and DevOps domain issues on a day-to-day basis.
* Percipient is a Banking domain project, Maveric providing technical support to generate APIs for all modules of application.
* Maintaining project in a cloud environment like GCP and AWS, for Database Mango DB, MySQL and by using JAVA developing API’s and Microservices.
* **Implementing ARM templates for the Azure Resources**
* Implementing security for the applications in cloud and the data in Azure by using Key Vault, SAS tokens of Storage Accounts, **Role Based Access Control and restring the access from specific networks to the PaaS services**
* Implementing **Build and Release pipelines** as a part of Continuous Integration and Continuous Deployment using Azure DevOps.
* Creation of Azure NIC, Azure Virtual networks, **Azure VM’s and provide access users.**
* Creation of PowerShell scripts and add as extensions while creating VMs.
* Responsible for **creating Network Security Groups** and add inbound rules for various ports.
* Implementing **PowerShell I script, ARM template, and terraform** to automate the

PaaS services based on the user request from SRS sheet by generating JSON file.

* Installed Mifos by using Shell script in all the environments like **Dev, Twinn & Prod**
* Installing and configuring **Terraform**and building the infrastructure using terraform configuration file.
* Created the multiple Environment from the scratch by using **Terraform files to create cluster, Created Bastion EC2 servers, node groups, ALB in AWS project.**
* Successfully created **RDS and** created users and databases for **Fineract, key clock, kanga services.**
* Creating and building Docker images, containers and writing docker files.
* Created **AWS Container registry** to maintain the images for projects.
* Maintained GitHub for all the services which related to Percipient project and maintained the helms in repo.
* Configured Maven build automation tool and integrated with Jenkins.
* **Created the new services in Jenkins**.
* Setup and maintain continuous integration and continuous deployment with Jenkins pipelines on Kubernetes cluster on various environments’
* Integrated delivery (CI and CD process) using Jenkins.
* Building the source code using Git, maven, and Jenkins.
* Design and develop continuous integration and continuous deployments with tools like **GIT** and **Jenkins**.
* Responsible for **MongoDB**installation, configuration, and administration. Also ensured connection to RDS database is running on MySQL engines.
* Experience in deploying system stacks for various environments like **Dev, Twinn & Prod**on both premise and cloud infrastructure.
* Monitored project in AWS account by using **CloudWatch**.
* Created the ingress controller and ingress for front and backend services in new environment.
* Created the new Jenkins project for new environment and deployed the services.
* Deployed services **Kafka, mongo db., Fineract** by using **Helm Charts.**

**Educational Qualifications:**

* Bachelor of Technology from JNTUA University, Andhra Pradesh, in 2015.

**(ACHYUTH PRASAD A)**