**Full Name: OBILI Sai Ajay**

**Email:** [**obilisaiajay@gmail.com**](mailto:obilisaiajay@gmail.com)

**Phno: 7406400270**

**Professional Summary:**

* Having 5 years of experience in IT field.
* Around **2** 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.**
* 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, ClusterIP, l.oadbalancer.**
* 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.**
* Added the domain names in **GoDaddy**.
* 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**.
* Worked on maintaining CI & CD pipelines and delivering releases for multiple Applications running on Linux based distributed Infrastructure.
* Ability to work closely with FTs, to ensure high quality and timely delivery of builds and releases.
* Strong ability to troubleshoot any issues generated while building, deploying in

production support.

**Professional Experience:**

* Worked as DevOps Engineer in **XchangeTechs Star Alliance LLP** from July 2017 to june 2021.
* Working as SDE1 in **Maveric Systems Limited** from July 2021 to till date.

Technical Skills:

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

**Project:**

|  |  |
| --- | --- |
| **Client/Project** | **ADVITH** |
| **Role** | DevOps Engineer |
| **Specialization** | Jenkins,Docker,Kubernetes |
| **Duration** | November to till date |

**Roles and Responsibilities:**

* Handling infrastructure changes and DevOps domain issues on a day-to-day basis.
* Creating and building Docker images, containers and writing docker files.
* Experience in creating Docker images and managing Docker registry (Harbor)
* Maintained GitLab as SCM for various deployments.
* 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** | **PAYWALLET** |
| **Role** | DevOps Engineer |
| **Specialization** | Jenkins,Docker,Kubernetes, AWS, GCP |
| **Duration** | January to till date |

**Roles and Responsibilities**:

* Handling infrastructure changes and DevOps domain issues on a day-to-day basis.
* 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 Paywallet project and maintained the helms in repo.
* Configured Maven build automation tool and integrated with Jenkins.
* **Created the new services in 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**.
* 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, konga services.**
* 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, UAT, Sandbox, Production**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, Kong, konga** by using **Helm Charts**.
* Created Databases for fineract, Kong and konga, keycloak by using pods.
* Configured the ingress routing issues which related to Kubernetes.
* Created the new certificates by using GCP account.
* **Created new ACM for AWS account project.**
* For user friendly purpose, created the rancher for developers and given specific role for everyone to access the environment.

**Educational Qualifications:**

* Bachelor of Technology from GITAM University, Vishakhapatnam, in 2017.