**Name: Sasi**

**Mail: sasidevops08@gmail.com**

**Phone No: +91- 7569856073**

**Objective**

Having **2+Years** of professional experience in Devops, build and release and software configuration management which includes Environment Setup, Build Automation, and Continuous Integration and continues Deployment CI/CD, cloud AWS,Azure, SCM process improvements and Deployments (both Standalone and Web applications).

**Professional Summary**

* Having around **2+** Years of Experience as a “**DevOps/Build & Release Engineer**” for Java Based Web Applications**.**
* Working Experience in writing **Azure pipeline** scripts.
* Written **ARM templates** for azure services **Storage accounts, Azure Databricks, Keyvault Application gateway**.
* Worked in Azure **databricks** for creating **databricks** workspace.
* Good knowledge in **Azure databricks Cluster** creation and maintaining the **user roles** in databricks.
* Experience in Azure **Databricks** cluster creation and Notebooks creation.
* Working experience in **KeyVault**.
* Good knowledge encrypting data using azure **Keyvault** and decrypting data in azure databricks using Scala and Python notebooks.
* Good experience in Setting up environment in **Azure** from scratch.
* Worked in **Application Gate way Setup**.
* Good knowledge Azure **Virtual Machines creation.**
* Working experience in **Azure Function app**.
* Good knowledge in writing the **Shell scripts**.
* Worked in setting up Azure Production environment with **Production subscriptions**.
* Working knowledge in mounting data from **storage account to databricks workspace**
* Good knowledge in writing terraforms for **AWS Environment Provisioning.**
* Created terraform for AWS Services **EC2,S3,VPC,ECS,ECR,EKS,RDS**,CloudWatch.
* Worked terraform in **Azure cloud** for **Environment Provisioning.**
* Written Azure terraform for services **virtual machine creation, Storage account creation, Keyvault encryption.**
* Created terraform for **storage account creation with Private endpoint.**
* Written terraform for **Azure databricks** **cluster creation, notebook creation, User creation, Group creation**.
* Good knowledge in **Terraform modules.**
* Having good knowledge in implementation of **CI/CD.**
* Experience in developing and maintaining **CI/CD** process for SaaS applications by accessing tools like Maven, Jenkins, etc.
* Hands on experience in using configuration management tools like **Chef, Ansible** etc.
* Good Experience in writing the **Playbooks**.
* Working experience in **Python** and written scripts for **AWS lambda functions**.
* Working experience in writing the **Ansible Playbooks** for creating AWS services like **VPC, EC2**.
* Worked in creating **Kubernetes** **cluster** for staging, QA, UAT environments.
* Deployed images in pods using **ansible playbooks**.
* Written **ansible** playbooks for **creating Kubernetes cluster** for all environments.
* Automated deployment process from **Jenkins** to **Kubernetes** **Cluster**.
* Develop and maintain an advanced platform to manage **Kubernetes clusters lifecycle.**
* Maintain documentation regarding configurations, operations and **troubleshooting** procedures
* Cloud and OS distribution portability: Runs on **Ubuntu, RHEL, CoreOS**, on-prem, Google Kubernetes Engine, and anywhere else.
* Configuring the **Docker** containers and creating **Docker files** for different **environments**.
* Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins.**
* Good experience in automating **Jenkins** with **AWS Elastic Container service** (**ECS**).
* Good experience on Amazon Web Services **(AWS**), Creating **EC2** Instances and configuring all necessary services.
* Good understanding **AWS Architecture**.
* Creating load balancer (**ELB, ALB, NLB**)
* Create and managing **VPC**, Subnet and Security groups.
* Create and managing files and policies in **S3 bucket** (Simple Storage Service)
* Create and providing **IAM** access to the users.
* Up scaling and attaching new **EBSvolumes**
* Implementing **Autoscaling.**
* Written terraforms for infra structure creation in AWS cloud.
* Good knowledge in AWS services **EC2, VPC, CloudWatch, ELB,ECS,EKS**.
* Written IAM custom policies for restricting S3 bucket for specific user.
* Worked in **monitoring** using **ELK setup**.

**IT Knowledge Purview**

|  |  |
| --- | --- |
| **Version Control System tools** | Subversion (SVN), GIT |
| **Operating Systems** | Windows 9x/2000/XP/7, Linux |
| **Configuration Management** | CHEF, Rundeck |
| **Scripting** | Shell Scripting |
| **Build Tools** | ANT, Maven |
| **Database** | MySQL |
| **Web Server** | Apache |
| **Application Server** | Apache Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Cloud Environment** | AWS,Azure |
| **Devops** | Ansible |
| **Bug Tracking Tool** | Service Now |

**Work Profile**

**Current Designation :** Software Engineer

**Area of Work :** DevOps Engineer

**Domain :** Retail, Insurance & E-Commerce

**List of Major Technologies :** Windows, Red Hat Linux, Shell and Perl Scripting, Jira, MySQL,

Apache, Svn, Git, Ant and Maven, Aws, Puppet, Docker, Chef,tomat.

**Academic Credential**

* Bachelor of Arts in Degree From , Acharya Nagarjuna University March 2020

**Professional Experience**

* Experience as a DevOps Engineer with **LIFETREE IT SOFTWARE PVT LTD** from **Jun 2020 to Till date**.

**Projects**

**Project#1**

|  |  |
| --- | --- |
| **Project Name** | **Hilton** |
| **Client** | **Hilton** |
| **Role** | DevOps Engineer |
| **Cloud** | Azure |
| **Environment** | Maven, GIT, Jenkins, Shell Scripting, Tomcat, Linux, ,Puppet, Aws, Docker, Java, J2EE, EJB |

**Roles and Responsibilities:**

* Designed and configured Azure **Virtual Networks (VNets)**, subnets, Azure network settings,security policies and routing.
* Deployed Azure IaaS virtual machines **(VMs)** and Cloud services **(PaaS role instances**) into secure **VNets** and subnets.
* Designed **VNets** and subscriptions to confirm to Azure Network Limits.
* Define cloud network architecture using **ss**, **VPN** and express route to establish connectivity between on premise and cloud.
* Develop powershell scripts and ARM templates to automate the provisioning and deployment process
* Troubleshoot and identify performance, connectivity and other issues for the applications hosted in Azure platform.
* Written **ARM templates** for azure services Storage accounts, **Azure Databricks,Keyvault,Application gateway**.
* Worked in **Azure databricks** for creating databricks workspace.
* Experience in Azure Databricks cluster creation and **Notebooks** creation.
* Written the Azure pipeline scripts for deploying the **Kubernetes** services.
* Deployed Jupyterhub application using Azure VMs and installed **Jupyterhub in Kubernetes** service.
* Implemented **Azure diagnostic** **settings** for the Azure storage account and azure databricks
* Written **ARM templates for Log analytics Workspace** creation.
* Enabled diagnostic settings using ARM templates for the Azure services Azure storage account and Azure Databricks.
* Good knowledge in **mounting** **storage accounts** to azure **databricks** **cluster**.
* Good knowledge in **PV and PVC** in **Kubernetes**.
* Worked in **Secrets** and **namespaces** and **configmaps** in **Kubernetes**.
* Good Experience in writing the **Playbooks**.
* Working experience in **Python** and written scripts for **AWS lambda functions**.
* Working experience in writing the **Ansible Playbooks** for creating AWS services like **VPC,EC2**.
* Worked in creating **Kubernetes** **cluster** for staging, QA, UAT environments.
* Deployed images in pods using **ansible playbooks**.
* Written **ansible** playbooks for **creating Kubernetes cluster** for all environments.
* Automated deployment process from **Jenkins** to **Kubernetes** **Cluster**.
* Develop and maintain an advanced platform to manage **Kubernetes clusters lifecycle.**
* Maintain documentation regarding configurations, operations and **troubleshooting** procedures