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Profile Summary:

Working Experience of **2+Years** in DevOps Environment, Amazon Web Services ,Azure Devops And Linux

- Working Experience of **2+ Years** in DevOps Environment Amazon Web Services ,Azure Devops
- Complete hands on experience on dealing with git branching, merging branches, switching branches and resolve merge conflicts.
- Good hands on experience in working with GitHub.
- Hands on experience on Azure Devops .
- Good hands on experience in installing and configuration of Ansible.
- Extensively used Ansible ad-hoc commands and modules instead of using ansible playbooks for each and every small task in Ansible.
- Good complete hands on experience of using Ansible roles by including all sections inside ansible playbooks.
- Setting up Docker Host, configuring Docker containers from Docker images, creating docker images from docker file.
- Having very good experience in working with creating, inspecting, storing and deleting volumes. Having experience in port mapping in Docker.
- Good knowledge in pulling and pushing docker images from and to docker Hub
- Having knowledge about Installed and configured Jenkins in Linux machines.
- Good hands on experience in integrating many tools with Jenkins like Git, Maven, Tomcat webserver, Ansible Server, Docker Host, S3 Bucket.
- Complete understanding of Jenkins complete workflow as well as experience in using multiple plugins.
- Having experience in setting up integrating with Jenkins to stored maven artifacts.
- Good knowledge in using both default monitoring and detailed monitoring.
- Having very good knowledge wrt EC2s like launching windows and Linux machines .
- Launched all three kinds of load balancers and attached to webserver to distribute traffic as well as to check the health of EC2 instances to make sure that they are always up and running.
- Extensively used Launch configurations and Auto Scaling to provide high availability to EC2 machines and effectively used scaling policies based on web traffic.
- Hands on experience in creating Snapshots to take back up copy of our EBS volumes.
- Created AMIs and Volumes and played with them like attaching, detaching, creating own AMIs for replication of same environment in same/different Availability Zones as well as same/different regions.
- Migrated and stored all kinds of object storage of my organization in to S3 bucket to provide durability and security.
- Enabled versioning on some important data to provide security from accidental deletion and to roll back to previous versions.
- Enabled CRR (Cross Region Replication) to replicate data to other buckets which are present in different regions.
- Launched static web sites for testing purpose by using S3 static website hosting option instead of going al ways with EC2s, Load balancers and Auto Scaling.
- Complete hands on experience in managing IAM service to administer AWS resources effectively
- Hands on experience in working with cloud watch to monitor all AWS services to maintain high availability and reduce downtime.□
- Good Experience on creating CloudWatch Dashboards for monitoring the launch services.
- Good experience on creating SNS topics for sending notifications based on CloudWatch Metrics.

- Works in an agile, collaborative environment to build, deploy, configure, and maintain systems, which may include software installations, updates, and core services.
- Works with development teams to enable a continuous integration environment that sustains high productivity levels and emphasizes defect prevention techniques.
- Ensures delivery pipeline from dev/test, staging and production and perform A/B testing.
- Automates, measures and optimizes the system performance and processes.
- Designs and implements tools for automated deployment and monitoring of multiple environments

Education:

- **ME (Computer) D.Y.Patil Collage of Engineering Pune.**

Technical Skills:

- **Operating Systems** : RedHat Linux and Windows
- **Azure-Devops** : App Configuration, App Insights ,Blob Storage, Vmss ,Azure Monitor ,Aks
- **AWS (Cloud Technology)** : IAM, VPC, EC2, EBS, S3, Elastic Load Balancer, Auto-Scaling, RDS, Security Groups, SNS, CloudWatch,
- **DevOps Tools** : Git, Github, Docker, Ansible, Jenkins, Maven,Teraform
- **Languages** : Shell Scripting ,Basic Python

Professional Experience:

- I am working for **PearlStone Technology** as **DevOps Engineer** from **1 Dec - 2020** to Till date

Project :

Project Name : Plexos Automation Project
Client : Energy Exemplar
Role : Devops Engineer
Duration : Dec-2022 to Till date

Roles & Responsibilities:

- Created Azure DevOps utility which is a .NET Core CLI application, generating release notes based on pull requests, commits and work items
- Set up and managed Kubernetes cluster from scratch for development environment
- Automated infrastructure provisioning of new resources in Azure using PowerShell
- Automated Minikube setup for developers for testing services in their local machine
- Automated app configuration changes reducing monthly feature rollouts time by 75%
- Monitoring Pipeline ,Releases and App Insights ,Orphan agents
- Created Dashboard using Azure Monitor and Prometheus On Graphna
- Woking On Kusto Qurey Language

- Setting Alerts and configure AKS pods with teams channel for any pod failure
- Working with ops team for monthly Rollout and upgrades .
- Debugging internal environment and Production Issues.

Project :

Project Name : Vergin Money Giving
Client : Vergin Money
Role : Jr, Devops Engineer
Duration : Dec to Nov-2021

Roles & Responsibilities:

- Worked closely with Development and QA teams to provide continuous improvement of existing features from Git hub and rollout of new services using Ansible, ensuring high availability on AWS Instances.
- Established complete Jenkins CI-CD pipeline and complete workflow of build and delivery pipelines.
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, VPC, S3, Security Groups, RDS and IAM CloudWatch)
- Experienced in branching, tagging and maintaining the version control systems like GIT, GitHub on Linux and windows platforms.
- Worked with container-based deployments using Docker, working with Docker images, Docker HUB and Docker registries
- Experience working with Docker Containers, running/managing containers, managing images, managing docker volume, docker compose .
- Worked on automation engine Ansible that automates cloud provisioning, configuration management, application deployment, intra-service orchestration.
- Maintained Ansible playbooks using Ansible roles, utilized file module in Ansible playbook to copy and remove Files on remote Systems.
- Excellent understanding of Software Configuration Management (SCM) and release process and best practices.
- Working closely with Build and Release Activities. In depth knowledge and hands on involvement of Dev-Ops Automation, continuous integration, continuous delivery and deployment pipelines.
- Worked on EC2 (Elastic Compute Cloud), Launch an EC2 instance, use of Putty (for Windows Users) Use of Mobaxterm, Security Groups,Upgrading EBS Volume Types, Encrypt Root Device Volume and Create an AMIs – EBS Root Device Volumes vs Instance Store, Attaching additional EBS Volumes to the EC2.
- Good hands on experience on AWS cloud storage such as EBS, S3, EFS Storage.
- Installing and Configuring Apache Webserver on Amazon EC2 Linux instances.
- Good hands on experience on ELB, Launch Configuration and AutoScaling.
- Deploying Database Engines in the Cloud Environment by using RDS.
- Monitoring AWS Services and Applications with the help of SNS and CloudWatch.
- Designing overall Virtual Private Cloud(VPC) environment including server instance, storage instances, subnets, availability zones.
- Managing users,groups,policies, Permissions and roles by using IAM Service.
- Hands on experience on Simple Storage Service (S3) like create an S3 bucket, S3 Version Control, Cross Region Replication, Create an Cloudfront CDN and Create a State Website Using S3.
- Worked on RDS like create an RDS instance, RDS backups, Multi-AZ & Read Replicas, MySQL and Postgres.
- Worked on Amazon Certificate Manager for Creating SSL Certificate for Websites.

Environment: Git, Jenkins, Docker, Ansible,Azure Devops(App Insights ,Azure Monitor, AKS,Container registry Key Vault),AWS (EC2, EBS, ELB, Auto Scaling, VPC, S3, Security Groups, RDS)

