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**AW*S-DevOps-Linux***



**CAREER OVERVIEW**

Amazon Web Services   Linux ++ DevOps

Successful AWS/ DevOps Engineer professional Experience dedicated to automation and optimization. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the Cloud, as well as DevOps automation development for Linux systems. Seeking a position in **AWS/ DevOps** to contribute my technical knowledge

**AWS** Services:

Expertise in Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, IAM, Route 53, Auto scaling,** Cloud **Watch, Security Groups.**

Installing and configuring application on AWS EC2 Instances.

Creating **IAM** Users and Groups and Maintaining the user Access management and Permissions.

Managing AWS instances Via Monitoring tool and action the alerts accordingly.

Configured and managing Security groups and VPC. Hands on experience with **AWS cloud** environment.

Creation of Clusters for **Load Balancing** and to provide Failover Environment. Configured and managing ELBs. Configured and managing S3 storage.

Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.

Created **RDS database**. Workspace Setup and troubleshooting. Hands on experience on VPC, Subnets, and Route tables etc.

Excelled on creating **AMI** (AWS Machine Image) that utilizes ELB(Elastic Load Balancer) and Auto Scaling.

Launching Static website using EC2 instance or ELB and S3 bucket.

 Installed and Setup **Web servers** (Apache and Tomcat),DB Server (MySQL)

 Configure the Users and Groups Policies and Permissions in **IAM**

Created alarms in **Cloud watch** Service for Monitoring the Server Performance. Create and configure S3 bucket with restricted policies.

 Creating/Managing AMIs, Snapshots and Volumes **upgrade Downgrade** AWS Resources(Cpu,Memory,EBS)

**DevOps** Tools**:**

Configuring and Managing servers with Configuration Management tools like

**ANSIBLE**

Worked on **Jenkins** by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments.

Experience in Installation and Configuration of **Apache** web server.

Experience in **branching**, **tagging** and **maintaining** the version across the environments.

Ability to build deployment, build scripts and automated solutions using scripting languages such as **Shell** &**Bash scripting**.

Hands-on in writing the **Docker** files for building images Containerizing applications with **Docker.**

Hands on experience in orchestrating the containerized Docker applications using **Kubernetes**.

Created **Kubernetes** deployments and services for microservices based applications.

Good knowledge in Continuous Integration and Continuous Deployment methodologies.

Strong ability to troubleshoot any issues generated while building, deploying and in production support.

Closely worked with Developers and Analysts to address project projects. Collaborated with development team to troubleshoot and resolve issues Bootstrapped Windows and Linux Machines.

Automated the Cloud deployments using Ansible.

Troubleshoot all the issues related to Linux & Windows Operating System and provide support for all production and Non-Production environment.

Excellent communication, team membership and relationship management skills.

**Technical Skills:**

|  |  |
| --- | --- |
| **Cloud Skills** | Amazon Web Services (AWS), EC2, EBS, VPC, Cloud Watch, Cloud Trail, IAM, Cloud Formation, Route 53, ELB, Glacier, Auto Scaling, S3 Buckets, AWS Code Deploy. |
| **Configuration Management** | Ansible, Terraform. |
| **Monitoring Tools** | Nagios, Cloud Watch. |
| **CI/CD** | Jenkins. |
| **Version control tools** | Git, GitHub. |
| **Virtualization** | Docker |
| **Scripting** | Shell Scripting |

**Education**

**B.Tech - 2023 PHANEENDRA**

**SANTHIRAM ENGINERING COLLEGE,**

**Declaration**

The above information and details are duly filled by me and the details are provided as per my professional experience and in accurate with my knowledge.

**Date:**

**Place: Hyderabad**

**PAVANKUMAR**