**Itishree**

**Aws DevOps Engineer**

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#### **PROFESSIONAL SUMMARY**:

* IT Professional with **3+** Years of Experience, Skilled at operating in a wide range of platforms as **1** Year in **Linux Administrator** and **MS sql server** and **2+** Years **in AWS Cloud** and **DevOps** Engineer.
* Familiar with Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups.
* Installing and configuring applications on AWS EC2 Instances.
* Excelled on creating AMI (AWS Machine Images) that utilizes ELB and Auto Scaling.
* Providing assistance on setting the AWS environment and also providing support on adding ports to security groups and NACLs to VPC.
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.
* Used AWS CLI to automate backups of S3 buckets, EBS.
* Setup/Managing Database on Amazon RDS. Monitoring servers through Amazon Cloud watch, SNS.
* Creating IAM Users and Groups and Maintaining the users Access management and Permissions.
* Launching static website using EC2 instance or ELB and S3 Bucket.
* Installed and Setup Web Servers (Apache and Tomcat)
* Automated the cloud deployments using chef and AWS Cloud Formation Templates.
* Configuring and managing web Server. Having good knowledge on Automation Chef.
* Experience in Automation using chef. Developing cookbooks and push to the chef server.
* Create Chef coding best practices for existing development team. Bootstrapped Linux machines
* Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GitHub
* Creating of Organization, Environment, and users in CHEF server.
* Excellent co-coordinator with good communication, multi-tasking, innovative, problem solving, leadership skills & decision making ability.

#### **Technical Skills**:

**Cloud Technologies** : Amazon Web Services and AWS CLI

**Operating Systems** : Linux (Red Hat 4/5/6), Windows NT, 2008/2012.

**Database :**MS SQL Serever

**Scripting languages** : Shell Scripting, python

**Configuration Management** : Chef, Knowledge on Ansible

**CI/CD Tools** : Jenkins

**Version Control** : GIT, GIT Hub

**Application Server** : Tomcat

**Monitoring Tools** : Cloud Watch

#### **PROFFESIONAL SUMMARY**:

**AWS DevOps Engineer**,

**IBM**, Bangalore, India (May 2015- Present)

**Roles & Responsibilities:**

* Cloud Services Administration and troubleshooting.
* Building customized Amazon Machine Images (AMI), Build instances and configures them as per requirements.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Creating Elastic IPs attaching and detaching to instances as per client request.
* Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
* Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Configuring and Networking of Virtual Private Cloud (VPC).Setup/Managing VPC, Subnets make connection between different zones
* Develop Cloud Formation scripts to automate EC2 instances. Created Cloud Formation templates and deployed AWS resources using it.
* Working as Cloud engineer maintenance and monitoring various day-to-day operations.
* Configuring Load Balancer and Auto Scaling Group. Scale in and out using Auto scale, add and remove instances as needed to handle the growing workload.
* Configuration monitoring for AWS in Cloud Watch.
* Created alarms and notifications for EC2 instances using Cloud Watch
* Creating folders in S3 Bucket and uploading images and files and maintain the buckets and folder permissions.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Configure and maintain the Users and Groups policies and permissions in IAM.
* Taking snapshot on monthly basis for backup purpose. For storage managing EBS and S3.

**Cloud Engineer/ Linux support engineer**,

**IBM,** Bangalore, India (March 2014 – April 2015)

* As a Linux administrator, was involved in providing operational support to clients
* Creating users and Group providing them with suitable permissions. Managed Users and Groups, File/Directory Permissions under Linux.
* Handling the scheduling tasks (Crone jobs and task scheduler) for the scripts for various purposes. Setting up of Crontab jobs for scheduling few tasks.
* Backup and Recovery using Tools like Tar and Gzip.
* Troubleshooting logon problems and boot process.
* Installation, Configuration and Administration of various versions of Red hat Linux/Windows systems.
* Installing of software packages and patches. Working on Patching Activities.
* Troubleshoot all the issues related to Linux OS and provide support for all DEV and QA environments
* Installation and setup of volume management for data backup and storage. Additionally using logical volume management (LVM) on Linux platforms
* Performed routine management of Linux environment like monitoring Disk Space and CPU Utilization.
* Remotely coping files using SFTP, FTP, SCP, and WinScp.
* Created and modified users and groups with SUDO permission.
* Writing Stored Procedures, indexes, joins and views using T-SQL in Development environment for SQL – Server 2012.

#### **EDUCATION SUMMARY**:

**B.TECH (**Bachelor of technology) from **BPUT University**, ODISHA-**2013**

Place: Bangalore (**Itishree)**