MD BADRUZAMA BAIG

(DevOps Engineer)
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Key Skills: **AWS, Lambda, IAM, EC2, AMI, EBS, EIP, EFS, VPC, ELB, AutoScaling, RDS, S3, CloudWatch, SNS, RDS, Terraform, Jenkins, Git, Packer, Linux Scripting, Python Scripting, Docker, Basic Kubernetes, ELK, Ansible, Mysql, Linux, RHEL 6/7, Ubuntu etc.**

AWS Cloud:

- ❖ Selecting the appropriate AWS service based on compute, data, or security requirements.
- ❖ Managing user identity, AWS permissions, and security in the cloud.
- ❖ Understanding of the security measures AWS provides and key concepts of AWS Identify and Access Management (**IAM**).
- ❖ Create and manage users, groups, and permissions using **IAM.**
- ❖ Deploying and accessing **EC2** instances, and working with **EBS** volumes and **snapshots**.
- ❖ Customize and create own Amazon Machine Image (**AMI**)
- ❖ File system, Security, Storage, Networking like **EBS, Elastic IP and ACL**.
- ❖ Design and deploy your instances on a highly secured, network isolated environment using **VPC**.
- ❖ Database Service using **RDS**.
- ❖ Creating & uploading objects using **S3**. Creation and applying bucket policy wherever applicable.
- ❖ Elastic File Systems using **EFS** and mounting EFS into EC2 instances.
- ❖ Creating **Auto Scaling** and **ELB**.
- ❖ Configure a set of Amazon EC2 instances that launch behind a load balancer, with the system scaling up and down in response to demand.
- ❖ Troubleshooting the most common problems with instances and AWS services.
- ❖ Vulnerability scanning using AWS **Inspector**.
- ❖ Creation of configuration of **SNS, SES** and **SQS** application services.
- ❖ Good knowledge of aws cli to install and configure the required service of AWS.
- ❖ Monitoring AWS infrastructure and Configuring Alarms, Metric and Dashboard using **CloudWatch**.
- ❖ Configuring hosted zones with different record sets and routing policy using **Route53**.

Ansible, Terraform, Jenkins, Git, Docker, Kubernetes:

- ❖ Installation and Configuration of Configuration Management Tool (Ansible).
- ❖ Writing and Implementing playbooks
- ❖ Troubleshooting playbooks and Ansible Managed hosts.
- ❖ Good knowledge of shell scripting.
- ❖ Execution of shell script.
- ❖ Configure Jenkins and manage plugins.
- ❖ Integration between GITHUB server and Jenkins.
- ❖ Installation and configuration of Docker services.
- ❖ Running applications on Docker containers.
- ❖ Managing multiple docker applications using **docker compose**.
- ❖ Automation of Cloud infrastructure using **Terraform**.
- ❖ Deploying applications on kubernetes.
- ❖ Troubleshooting the applications running on **Kubernetes**.

Linux:

- ❖ Working knowledge on Linux to provide support related Linux Services, Backup tool & storage.
- ❖ Configuration of Veritas Cluster.
- ❖ Configuration and maintenance of NFS server.
- ❖ Scheduling tasks using CRON jobs.
- ❖ Managing logical volume manager, volume group, physical volume.
- ❖ Installation of Red hat packages using yum and rpm.
- ❖ Configuration and maintenance of yum server.
- ❖ Configuration and maintenance of NTP servers.
- ❖ MySQL installation and configuration.
- ❖ Knowledge of **mysql**: create database, create table, update table, insert data, user creation, grant permission, etc.

Scripting:

- ❖ For loop, while loop, if condition, sed, awk, etc.
- ❖ Ability to create shell scripts for different requirements.
- ❖ Basic knowledge of python.

PROFESSIONAL EXPERIENCE

DevOps Engineer at Hapco pvt ltd. (From April 2016 to Nov 2019)

ACADEMIC QUALIFICATION

- ❖ B.A. from Tilka Manjhi Bhagalpur University 60%.
- ❖ Intermediate from B.S.E.B.
- ❖ Matriculation from Bihar Board.

PERSONAL DETAILS:-

Permanent Address: VPO- Sahebganj,Champanagar, Distt- Bhagalpur
Father's Name: Late Muzaffar Baig
Date of Birth: 05-April-1988
Sex: Male
Nationality: Indian
Marital Status   Unmarried
Languages known: English, Hindi, Arabic

Date:

Place: **(MD BADRUZAMA BAIG)**