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| **sudhakar Mobile : +91 9606623782**  **AWS System Administrator Email–id :** [**singara.0476@gmail.com**](mailto:singara.0476@gmail.com) |
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| **IT Professional with +4 years of experience specialized in operating a wide range of platforms as AWS System Administrator.** |

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| **Professional Summary:** |

* Having around 3 years of experience on **AWS System Administrator**.
* Expertise in Amazon Web Service likes EC2, AS, ELB, RDS, Dynamo DB, VPC, Route53, Management Tools, IAM, SNS, and SQS.
* VPC Creating Instances in VPC, assigning subnets and Elastic IPs to get network, Creating Nat Gateways using Elastic IP. Creating Internet Gateway, Route Tables for subnets
* Cloud Watch was being used for monitoring AWS Cloud resources and applications by setting alarms and events for performance and operational metrics.
* Used IAM to create and manage AWS users and groups, and use permissions to allow and deny their access to AWS resources.
* Created S3 buckets by using Standard, S3 infrequent Access and reduced redundancy storage
* Deep experience with AWS components such as VPC, Cloud Front, Cloud Watch, Elastic IPs, Security Groups, Cloud Formation, Auto scaling.
* Configuring and Managing the Apache Web Server.
* Working with LAMP.
* Selecting the appropriate AWS service based on compute, data, or security requirements
* Problem solving attitude with team and always willing to team.
* Good interpersonal skills, committed, result oriented, hardworking with a quest and zeal to learn new technologies.

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| **Technical Skills:** |

* **Cloud Computing** : AWS( EC2,RDS,Route53,Autoscaling,ELB,VPC,S3).
* **Operating Systems** : Linux (Red hat, CentOS), Ubuntu, Windows
* **Monitoring tools** : Cloud Watch.
* **Networking** : TCP/IP, DNS, DHCP.
* **Databases** : MySQL 5.0.2, SQL Server 2014.
* **Application Server** : Apache Tomcat, WebSphere
* **Cloud Portal :** AWS.

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| **Working experience:** |

* Working as an AWS System Administrator in **Sonata software** at **Bengaluru** since September 2014 to Present.
* Worked as Trainee at Zframez Technologies from August 2013 to September 2014.

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| Education Summary: |

B. Tech (Bachelor of Technology) from JTNU university Hyderabad, Telangana, in the year 2012.

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| **Professional Experience:** |

**Project #1:**

Company : Sonata software

Client : Cengage Learning

Duration : June 2016 – Till Date

Role : System administrator

**Responsibilities**:

* Launching Amazon EC2 Cloud instance using Amazon Web Services and configuring launched instances with respect to specific applications.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Responsible for creating Amazon Machine Images (AMI) that can be utilized while implementing the Elastic load balancer (ELB) and Auto Scaling.
* Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
* Created Security Group and assigned inbound and outbound rules to the application.
* Created Elastic IPs, attaching and detaching to instances as per client request.
* Continuous monitoring of firewalls like security group as well as network ACLs in AWS cloud and sharing the vulnerability report with the security teams and network teams.
* Implemented ELB likewise classicELB and ApplicationELB and assigned to Auto scaling group.
* Created RDS instances as per database team requirement and enabling multi-AZ,read replicas as per demand.
* Configuring and Networking of Virtual Private Cloud (VPC). Setup/Managing VPC, Subnets make connection between different zones.
* Skilled in creating alarms in Cloud watch, service for monitoring the server’s performance, CPU Utilization, disk usage etc. and also in other AWS features such as EBS, AMI, Cloud Front, IAM, and S3.
* Enabling life cycle policies to transfer data from one storage class to other
* Maintaining S3 services like uploading/downloading files, configuring/editing bucket policies.
* Created Route53 hosted zones to map with public or private domain.
* SNS- Creating an SNS topic for receiving alerts from an email, SMS, HTTP and HTTPS protocol for application status.
* Writing cloud Formation templates to deploy infrastructure as a code and Installed and configured LAMP server in Ubuntu and Centos.
* Created S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS

**Project #2:**

Company : Sonata software

Title : Openq

Duration : September 2014 – May 2016

Role : System administrator

**Responsibilities**:

* Account management for work place environment users. Setting up user accounts, assign privileges and user permissions Build servers using AWS: Importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Volume management and Creating EBS volumes and assignment. For storage managing EBS and S3.
* Created and Configured the EC2 instances as per client requirement and Created and Configured the Elastic Load Balancer for EC2 instances
* Stopping, Starting, and Terminating an Amazon EC2 instance as per requirement
* Attaching and removing the EBS volumes to the Ec2 instances as per client requirements
* Created Auto Scaling Groups to Dynamically Upgrade and Dynamically Downgrade your instances based on onDemand.
* Setup and managed backup and recovery using snapshot.
* S3 working with S3 to Create the buckets to store objects.
* Implementing lifecycle management send data to Glacier then delete.
* Created AWS Cloud formation templates on creating IAM Roles and total architecture deployment end to end (Creation of EC2 instance and its infrastructure).
* Provisioning RDS instances such as MySQL, SQL Server and Oracle database.
* Enabling automated backups and Multi-AZ to improve database performance on RDS.
* Implement the file sharing on the network by configuring the system to share essential resources.