**HARI**

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# SUMMARY:

Over 4.1 years of AWS/RHEL Linux experience in IT Infrastructure and Hosting based 24X7 support environment. Seeking a Technical position fully utilizing strong customer service attitude, exceptional organizational ability and technical skills

**PROFESSIONALPROFILE :**

* Good knowledge of AWS services like **Elastic Compute Cloud (EC2), Elastic Load Balancers, S3, Cloud Front, Elastic File system, RDS, VPC, Cloud watch and Cloud trail.**
* Manage and configure AWS services as per the business needs (**ELB, SNS, EC2, S3, RDS, Cloud Watch, IAM and VPC.**
* Maintaining the user accounts (IAM), RDS, SNS services in AWS cloud.
* Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
* Strong Experience in Amazon EC2 setting up instances, **VPCs and security groups.**
* Setup/Managing VPC, Subnets make connection between different zones.
* Excelled on creating AMI (AWS Machine Images) that utilizes **ELB (Elastic Load Balancer) and Auto Scaling.**
* Setting up databases in AWS using **RDS, storage using S3 buckets** and configuring instance backups to S3 bucket.
* Experience in Automation, Installation and overall Configuration Management of servers using AWS.
* Good Experience in **RedhatLinux, Shell Scripting.**
* Knowledge in load balancing and setting up load balancer and firewall rules in and enterprise environment
* Experienced in cloud application and server virtualization using AWS (Amazon Web Services)
* Good understanding of software development life cycles.
* Backup and recovery of RDS instances.
* Managing **DNS Records**.
* Worked on Production Server's on Amazon Cloud (**EC2, EBS, RDS, and S3**).
* Monitoring servers thorough **Amazon Cloud Watch, SNS**
* Created alarms in Cloud watch service for monitoring the server performance.
* Implemented, deployed and maintained cloud infrastructure using AWS.
* Proficient with best practices regarding AWS Auto scaling, **Fault Tolerant Architecture and Disaster Recovery**.

**Organizational Experience:**

* Working as AWS Sysops Admin in Hyundai Motor India Engineering (R&D) from Aug.2014 to till date.

**Academic:**

* **MCA** from Andhra University, Visakhapatnam with aggregate 73% in the year 2013.
* **B.Sc (Computers)**from Andhra University, Vishakhapatnam with aggregate 55.5% in the year 2009.

**Technical Skills:**

* Operating Systems : Windows, Linux
* Version Control : GIT, Bit Bucket
* Continuous Integration Tools :Jenkins
* Cloud Computing Services : AWS
* AWS Services : IAM, S3, EC2, VPC, Route 53,
* Web server : Apache
* Application Server : Apache Tomcat
* Bug/ Project Tracking Tools : Jira
* Scripting : Shell Scripting
* Monitoring Tool : Cloudwatch, Cloud Trail

**PROJECT SUMMARY**

**Project 1#**

**Project:QXA (SANTRO).**

**Client: Hyundai Motor India Engineering**

**Environment:** AWS (EC2, S3, Auto Scaling Groups, Elastic Load Balancer, Cloud Watch, IAM, SNS)

**Ticketing Tool: JIRA.**

**Duration: Feb 2017 to till date**

**Role : AWS Sysops Admin**

**ROLES AND RESPONSIBILITES:**

* Created the VPC’s, configured the subnets, attached the gateway and routing tables to the subnets and deployed the EC2 instances in the subnets created.
* Hands on experience in EC**2, VPC, Subnets, Routing tables, Internet gateways, IAM, Route 53, VPC peering, S3, ELB, RDS(MySQL), CloudFront, CloudFormation, Elastic BeanStack, Security Groups, Cloud Watch, SNS on AWS**.
* Creating AWS instances and Managing credentials on the account and manages the cloud services Including EC2, Route53, S3, RDS, IAM, VPC, ELB,EBS, Cloud Watch, Auto Scaling, Cloud front, and cloud watch.
* Expertise level knowledge of **Amazon EC2, Amazon S3, Amazon RDS, Elastic Load Balancing and Cloud Watch.**
* Build servers using AWS: Importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Creating new EBS volumes and attaching same to EC2 instance when needed.
* Backing up the EC2 instances volumes by creating a snapshots and saving them **in S3 buckets for Disaster Recovery (DR).**
* Taking instance backups as **Amazon Machine Image (AMI**) and launching these when we need similar servers.
* Maintaining and upgrading the EC2 instances according to the requirements.
* EBS Volumes, EIPs, Snapshots, AMI’s. Creating AMI images from existing instances and copy them to different regions / availability zones.
* Uploading data, Snapshots and EBS volumes in S3 storage, while creating EC2 Instance.
* Assigning roles to EC2 instances to access/store data from other AWS services like **S3, cloud watch etc**.,
* Creating the **Read Replicas for the RDS databases** in the different region expecting the disaster.

**Project 2#**

**Project:AH2 (Grand i.10)**

**Client: Hyundai Motor India Engineering**

**Environment:** AWS (EC2, S3, Auto Scaling Groups, Elastic Load Balancer, SNS, Cloud Watch, IAM)

**Ticketing Tool: JIRA.**

**Duration: Feb 2017 to till date**

**Role : AWS Sysops Admin**

 **ROLES AND RESPONSIBILITES:**

* Managed multiple AWS accounts with multiple VPC’s for both production and non-prod where primary objectives included automation, build out, integration and cost control
* Working as Amazon solution engineer and this is a hosting company which provides complete hosting solution related to window. Our work is providing support to all customers in South Korea and over worldwide for complete hosting solution.
* Managing **AWS Infra and automation with CLI, API. Managing DATA Center Inbound and outbound services. Working on chef automation tool**
* Create ec2 instance and manage all compute resource. ELB for ec2 instance and troubleshooting. API Calling to start and stop instance in weekend. **API calling to take the snapshot of root volume automatically.**
* Storage on AWS- EBS, S3 and Glacier and automate sync data to Glacier.
* Uploading and bundling own customize **AMI to S3 amazon bucket. Mounting S3 bucket with EC2 Instance. Mounting S3 and Glacier** on window server and make script to sync data to local to AWS
* Setting up of Site to Site VPN between different regions on AWS. Monitor all AWS instance through Nagios. Ticket management on Servicenow ticketing platform.
* Linux System Administration supporting **AMI builds, troubleshooting, shell scripting, backups and log file management**
* Enterprise and Premium support for EC2 infrastructure
* Worked on **AWS Cloud Watch and Cloud Trail services**
* Managed and supported AWS Security related issues, such **IAM and S3 policies for user access**
* Support for all other AWS products such as S3, RDS, Elastic Load Balancing, Route53 (DNS)
* Automated troubleshooting tasks by creating **Shell scripts and AWS CLI tool**
* Support for Customer accounts which are hosted on AWS.
* Assisted high profile Enterprise customers to resolve critical issues related to Windows and Linux EC2 instances
* Day to day administration of the Development environment and Production and Test environment systems. 24x7 on-call support.

**Declaration:**I hereby declare that the above information furnished by me is true and correct to the best of my knowledge