P Divya

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Professional Summary:

➤ Having **3+ years** of extensive hands-on **IT experience** as a **Sr. Associate** in Cloud optimizing with AWS cloud.

➤ Experience using a broad range of AWS technologies (eg. EC2, RDS, ELB, EBS, S3, VPC, IAM, Cloud-watch, Lambda, Route53) to develop and maintain an AWS based cloud solution, with an emphasis on best practice cloud security.

➤ Hand-On experience in managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and Production).

➤ Good understanding of the principles and best practices of **SDLC** working in **Agile** and following **scrum.**

Technical skills

Operating System	Linux (Red hat 5.x, 6.x, 7.x and 8.x), Cent OS and AWS Linux2
Networking	VPC, VPN, Transit Gateway, Subnets, HTTP, HTTPS
Compute	EC2, EBS, EFS and ELB
Storage	S3
Continuous Integration	Jenkins
Web and Application Servers	Apache (httpd) and Tomcat web server
Databases	Mysql, Redshift and DynamoDB
Version Control System	GIT

Professional experience

Sr Associate at **Wipro Technologies Pvt Ltd** in **Bangalore** from November 2018 to present.

Project D etails
Project 2#

Title : Sr Associate in cloud
  Client :synchrony
   Technologies/Tools : AWS Cloud (EC2, ELB, S3, RDS, Redshift, Lambda and IAM)

Roles & Responsibilities

➤   Responsible for day-to-day management of all POC, Development, UAT, and Production environments.

➤   Responsible for the AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, Cloud Watch, IAM, S3 and DynamoDB.

➤   Creating/Managing Snapshots and Volumes Upgrade, Downgrade AWS resources (CPU, Memory, EBS).

➤   Good understanding of VPC architecture and deploying the AWS services within the VPC and managing the security using security groups, NAT Gateways, Subnets, Route tables, VPN and VPC peering.

➤   Created Amazon VPC to create a public-facing subnet with internet access and back-end databases & application servers in a private-facing subnet without internet access.

➤   Deploying RDS and Redshift instances and providing endpoint details to the database teams and managing the database snapshot methods

➤   Experienced in creating backups for EBS & EFS using AWS BACKUP services.

➤   Responsible for the S3 bucket creation and the life cycle policy with the role based and user base authentication.

➤   Creating the Lambda functions and providing access by using the IAM role and providing to stakeholders.

➤   Responsible for creating the IAM users, roles with respective permissions for the resources and providing to the DEV and QA teams.

➤   Deploying the application into the EC2 Linux servers using Apache tomcat web server in the DEV and QA environments.

➤   Good experience in SQL queries and execution, by using SQL query browser creating users and creating separate schemas in RDS, Redshift and MySQL installations in cloud servers.

➤   Remote Linux system administration using tools like SSH, Putty and Linux user and group creation. Setting file permission.

➤   Build an understanding of all aspects of the cloud platform including network ingress, monitoring, alerting, RBAC, and multi-region deployment.

Project#1

Title : Associate in cloud
Client : staples
Technologies/Tools : AWS Cloud (EC2,EBS,VPC,Auto Scaling groups,RDS,ELB, S3, RDS, Redshift, Lambda and IAM)

Roles & Responsibilities

➢ Closely connect with developers to establish appropriate version control and branching, labeling/naming convention using SCM tools like **GIT & Git-hub**.

➢ Having good experience in upgrades, installs, configuration and administration security and monitoring tools on linux.

➢ Expert in installing packages on **Linux/Unix** Environments.

➢ Maintained Build related scripts developed in **Bash/shell**.

➢ Performing software installation using yum and RPM.

➢ Setting up cron schedules for backups and monitoring process.

➢ Monitored Linux servers for CPU Utilization, Memory Utilization and disk Utilization for performance monitoring.

➢ Administration of **Ubuntu, RedHat Linux** including Installation, configuration and testing.

➢ Experience working with **AWS Cloud** computing and launching instances and perform administration tasks.

➢ Managed multiple AWS accounts with multiple VPCs for both production and non-prod environments where primary objectives included automation, build out, integration and cost control.

➢ Design EC2 instance architecture to meet high availability application architecture and security parameters.

➢ Responsible for the AWS Cloud platform and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, Cloud Watch, IAM, S3 and DynamoDB.

➢ Creating/Managing Snapshots and Volumes Upgrade, Downgrade AWS resources (CPU, Memory, EBS).

➢ Good understanding of VPC architecture and deploying the AWS services within the VPC and managing the security using security groups, NAT Gateways, Subnets, Route tables, VPN and VPC peering.

➢ Created Amazon VPC to create a public-facing subnet with internet access and back-end databases & application servers in a private-facing subnet without internet access.

➢ Deploying RDS and Redshift instances and providing endpoint details to the database teams and managing the database snapshot methods

Educational Qualifications:

➢ **BE(CSE)** from **Ballari institute of Technology in 2016**

Place:Bangalore   **(P Divya)**