**CURRICULAM VITAE**

**XXXXXXXXXXX**  **E-Mail** :**---------------------------**

**Mobile** : **-------------------------**

**ProfessionalSummary:**

* Software Professional with 5 years of experience in Cloud AWS (Amazon Web Services)
* Designed, built and deployed multitude applications utilizing almost all of AWS, Including **EC2** (Elastic Compute Cloud), **S3** (Simple Storage Service), **IAM** (Identity Access Management), **SNS** (Simple Notification Service), **VPC** (Virtual Private Cloud), **SES** (Simple Email Service), **Cloud Watch, EFS** (Elastic File System), **Elastic Load Balancer** (Classic/Application), **Route53, Auto Scaling** in launching EC2 instances, Cloud Trail, RDS, AWS CLI (Command Line Interface),Cloud Front, and DB Snapshots.
* Having knowledge on **Basic Linux commands**.
* Strong and effective inter-personal skills and communication skills, ability to interact with clients and team members.
* Commitment, result oriented, and Zeal to learn new technologies and undertake challenging tasks.
* Assisting with the peers for any clarifications both in technical and functional in the system to deliver the product within the timeliness.
* Involved in reviewing the tasks functionally and technically to improve the accuracy and minimizing the rework effort.
* Reporting to the all stakeholders about the daily status of the assigned task including client.
* Involved in exploration of new technologies and sharing the knowledge with the team internally.

**TECHNICAL SKILLS:**

* Having Very good hands on experience in EC2, S3, IAM, VPC, SES, SNS, Cloud Watch, Cloud Trail, Elastic Load Balancer, Auto Scaling, EFS, RDS, Cloud Front, VPC Flow logs, and Route53.
* Well versed with respect to **EC2s** like Launching Windows and Linux machines and all five types of EBS (Elastic Block store) volumes.
* Launched all three kinds of load balancers and attached to web servers and extensively usedAuto scaling to provide high availability to EC2 machines.
* Having good knowledge in creating snapshots and AMIs, volumes and snapshots, attaching and detaching volumes and created own AMIs for replication of same environment in same/different availability zones as well as regions.
* Having complete hands on experience in **S3** bucket to provide durability and security.
* Good awareness in ACLs (access control lists), Bucket policies, and Transfer acceleration.
* Good understanding of different storage classes/tiers and effectively used life cycle management.
* Hands on experience in IAM **roles** to access AWS resources without credentials & enabling MFA (multi factor authentication).
* Having complete hands on experience in **Route53** like purchasing domain names from AWS also from other sites &creating Record sets to provide alias names for load balancers DNS names.
* Well versed in creating all the five routing policies and specially configured health checks for failover routing policy.
* Having complete hands on experience in creating and managing **VPC.**
* Extensively used **SNS** (Simple Notification Service) at auto scaling as well as Route53 level to get notifications in server failures as well as VPC failures.
* Having complete hands on experience in working with **EFS** to provide common shared storage.
* Configured **Cloud Watch** to monitor AWS resources, to get alarm alerts, to maintain high availability and to reduce downtime.

**EXPERIENCE:**

* Currently Working in XXXX as a Software Engineer from June 2016 to Till Date.

**PROJECT DETAILS**

**Project # 1:**

**Client:** ---------

**Technology Stack:** AWS Cloud

**Responsibilities:**

* + - * Understand client requirements, propose solutions and ensure delivery.
      * Experience of designing and developing comprehensive Cloud Computing solutions on the AWS platform.
      * Experience with EC2 Auto Scaling, EBS, S3, ELB, RDS.
      * Created VPC from the scratch and connected to network by using Internet Gateways, Route tables, and NATs
      * Created many public and private subnets for proper segregation of web servers and database servers to provide high level security.
      * Defined IP ranges in VPC to have better control over VPC.
      * Good Hands on experience in VPC peering to connect multiple VPCs so that all act as one single entity.
      * Enabled VPC Flow logs for the auditing purpose to track incoming and outbound traffic to and from VPC.
      * Launched Bastion servers/Jump servers in public subnets to have ssh connection to the servers which are present in Private subnets.
      * Launched Web servers in Public SN through Auto scaling and connected to load balancer to distribute traffic as well as to provide high availability.
      * Launched Database servers in Private SN and provided internet through NAT server.
      * Good understanding in dealing with NACLs (Network Access control Lists) and Security Groups to restrict and allow ports to provide security at subnet level and instance level respectively.
      * Implementing AWS Infrastructure services (IAAS) like EC2, VPC, ELB, EBS, S3, RDS.
      * Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IPs.
      * Monitoring health of Amazon EC2 instances and other AWS services.
      * Managed hosted zone and domain naming service using Route53.
      * Worked in close collaboration with the Development Teams, Product Management, Enterprise Architects, Operations, Executives and Finance teams to achieve the optimum performance low cost solution
      * Interfaced with various levels of executives, management, and technical staff of customers.

**Project # 2:**

**Client:** ----------

**Technology Stack:** AWS Cloud

**Responsibilities:**

* We have taken lead in migration process of servers & data from on-premises data centre to AWS Cloud
* Responsible for complete administration of **Cloud Infrastructure** in my organization.
* Created **VPC** from the scratch, defined IP ranges in VPC to have better control over VPC.
* Created **Public and Private Subnets** for proper segregation of web servers and database servers to provide high level security.
* Migrated all the object storage to **S3** Buckets and Created **IAM role** with **S3 full access** and attached to **EC2s** to access data without credentials.
* Created AMIs and Volumes and played with them like attaching, detaching, creating own AMIs for replication of same environment in same/different Availability Zones as well as same/different regions.
* Mounted **EFS** (Elastic File System) with EC2s to have one common storage.
* Configured **SNS** (Simple Notification Service) at auto scaling level and route53’s level to get notifications mainly in case of server failures and VPC failures.
* Configured all in Auto Scaling Groups and Launch Configurations.
* Launched **Web servers in public SNs** through Auto scaling and connected to load balancer.
* Provided network to public SNs through Internet Gateways and Route tables.
* Launched **DB servers** in Private SNs and provided internet through NAT server in a secured manner. Opened **MYSQL** port in database servers to all the public subnets.
* Launched Bastion/Jump server in Public SNs to have SSH connection into the DB servers which are present in private subnets.
* Assigned Load balancers difficult DNS name to **ROUTE53’s** user friendly domain name.
* Enabled **NACLs** (Network Access Control Lists) at both public and private subnet levels to restrict and to allow Ports in providing high security

**Project#3**

**Client:** -------------

**Technology Stack:** AWS Cloud

**Responsibilities:**

* Worked on Identity Access Management (IAM) like AWS permissions, Roles, Policies, MFA authentication, User permissions and Groups.
* Very good hands on experience on Simple Storage Service (S3) like Create an S3 Bucket, S3 Version Control, Cross Region Replication, S3 Life Cycle Management, Glacier, create a Cloud Front CDN, S3 Security and Encryption, Snowball, S3 Transfer Acceleration and Create A Static Website Using S3.
* Worked on EC2 (Elastic Compute Cloud), Launch an EC2 Instance, use of Mobaxterm (for Linux Users), Security Groups, Upgrading EBS Volume Types, Load Balancers and Health Checks, Cloud Watch EC2, Auto scaling Groups, AWS Command Line and EC2, Using IAM Roles with EC2
* Created AMIs and Volumes and played with them like attaching, detaching, creating own AMIs for replication of same environment in same/different Availability Zones as well as same/different regions
* Hands on experience in creating Snapshots to take back up copy of our EBS volumes
* Encrypted volumes to provide security from unauthorized access and misuse of data and provide protection from accidental deletion of machines.
* S3 CLI & Regions, Using Bootstrap Scripts, EC2 Instance Metadata and Elastic File System.
* Enabled CRR (Cross Region Replication) to replicate data to other buckets which are present in different regions.
* Enabled versioning on some important data to provide security from accidental deletion and to roll back to previous versionss
* Good knowledge in dealing with Transfer acceleration to accelerate transfer speed of data into S3 buckets by using AWS globally distributed edge locations/end points.
* Well aware of different storage classes/tiers and effectively used life cycle management policy to transition data to different storage classes automatically after certain period of time that we set
* Good knowledge on Route 53, Register A Domain Name, Setup Our EC2 Instances, Simple Routing Policy, Weighted Routing Policy, Latency Routing Policy, Failover Routing Policy and Health Checks and Geolocation Routing Policy.
* Complete hands on experience in working with EFS to provide shares storage so that each and every member in project will have access to common and centralized storage
* Complete hands on experience on VPC, Public subnets & private subnets, Difference Between Default & Custom VPC, Introduction to Gateways, Understanding Route tables & Subnets, Build Your Own Custom VPC, Network Address Translation (NAT), Access Control Lists (ACLs), Custom VPCs and ELBs, VPC Flow Logs, NATs vs. Bastions and VPC End Points.
* Good understanding in dealing with NACLs (Network Access control Lists) and Security Groups to restrict and allow ports to provide security at subnet level and instance level respectively.
* Worked on Data bases like Create RDS Instance, RDS - Back Ups, Multi-AZ & Read Replicas, DynamoDB and Amazon Aurora.
* Good knowledge on Ops Work and Setting up Ops work.
* Worked on SNS, Create a Billing Alarm, Consolidated Billing, AWS Organizations Lab, Resource Groups & Tagging, VPC Peering, Elastic Beanstalk, Cloud Formation, AWS Trusted Advisor, Elasticity and Scalability concepts
* Learned messaging services like SQS (Simple Queue Service) and SES (Simple Email Service).

**PERSONAL PROFILE:**

FULL NAME **:** **-----------------------**

FATHER’S NAME **:** **-----------------------**

DATE OF BIRTH **: ----------------**

GENDER **:** **-------------**

NATIONALITY **: INDIAN**

PERMANENT ADDRESS **: XXXX**

**DECLARATION:**

             I hereby declare that above mentioned particulars are true to the best of my knowledge and belief.

Yours sincerely,

**PLACE:** Hyderabad **------------**