**CURRICULUM VITAE**

**SAI KUMAR REDDY.K**

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PROFESSIONAL PROFILE :-

A result oriented professional with experience as Aws Cloud Engineer.

Having 2+ Years of exp as a Cloud Engineer

* Served as a Cloud Engineer at **Certiview IT & Management Solutions Pvt. Ltd.,** with a total of years of work experience from October2018 to Till.

# Technical skills :-

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| Cloud Environment | Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Cloud Front, RDS, VPC, Route53, Cloud Watch, Cloud Trail, IAM, Autoscaling, Elastic Block storage, CloudFormation, Elastic Beanstalk, Migrations, Auto scaling Servers. |
| Devops Tools | GIT ,Docker ,POC- Kubernetes Architecture, Terraform |
| Servers OS | Linux servers , windows server |
| Databases | RDS ( MY-SQL, MS-SQL ) |
| Migrations | Storage Migrations |
| Ticketing Tools | ServiceNow (client) |
| Monitoring Tools | Dynatrace , CloudWatch |
| Security Patches Tools | IBM BIGFIX Tool |
| Language(s) | Basic – Java |

WORK EXPERIENCE :-

# Project #2 (Current Project) :- Delivery service Platform(3PL) Client 2:- American Airlines

Job Responsibilities: -

* Expertise in Amazon Web Services (AWS) environment and good knowledge of AWS services like Cloud formation, Elastic Compute Cloud (EC2), Elastic Load-balancers, S3, Cloud Front,

Elastic File system, RDS, VPC, Route53, Cloud Watch, Cloud Trail, IAM .

* Configuring of Virtual Private Cloud (VPC) with networking of subnets containing servers
* Creating VPC,ELB ,etc through cloud formation stack
* Used Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
* Created and worked on Elastic Block Store and Instance Store Volumes.
* Configured NAT instance for internal servers within the private subnet thereby not exposing to the public internet.
* Configuring and managing AWS Simple Notification Service (SNS) and Simple Queue Service (SQS).
* Implemented Auto Scaling for high application availability.
* Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets
* Managed complex administrative tasks like scaling, failure-handling and monitoring services.
* Responsible for designing and developing new back-end services, maintaining and expanding AWS infrastructure and providing mentorship to others in my team

# Project #1:-Banking

* Used IAM to create new accounts, roles and groups.
* Managing IAM accounts (with MFA) and IAM policies to meet security audit & compliance requirements.
* Used Auto-scaling and Elastic Load Balancer features on EC2 instances to serve the end users using applications during unexpected traffic/demand.
* Configuring IAM roles for EC2 instances and assigns them policies granting specific level access to S3 buckets.
* Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS
* Configured S3 Buckets for EBS backed Snapshots, versioning for data backups and setting up lifecycle management policies
* Using Cloud Watch service, created alarms for monitoring the EC2 server’s performance like CPU Utilization, disk usage etc.
* Implemented Auto Scaling for high application availability.
* Configured Elastic load balancers for incoming loads.
* Built S3 buckets, managed policies for S3 buckets, used S3 bucket and Glacier for storage and backup on AWS. Setting Cloud Watch alerts for instances, utilizing in Auto-scaling launch

configurations for better performance

* Created elastic load-balancers (ELB) for different applications
* Utilized Amazon Route53 to manage DNS zones, assign public DNS names to elastic load balancers IP's

PROFESSIONAL QUALIFICATION :-

* 2018: B.Tech (Computer Science & Engineering) with 62% from KAUSHIK COLLEGE OF ENGINEERING, Visakhapatnam.