

CURRICULUM VITAE

RAMESH JAGARAPU

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PROFESSIONAL PROFILE :-

A result oriented professional with experience as Aws Cloud Engineer.

- Served as a Cloud Engineer at **WNS Global Solutions Pvt. Ltd.**, with a total of 2.5 years of work experience from July 2019 to till date.

Technical skills :-

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, Red Shift , Auto scaling Servers.
Devops Tools	GIT ,Chef , Docker ,POC- Kubernetes Architecture, Terraform
Servers OS	Linux servers , windows server ,
Databases	RDS (MY-SQL, MS SQL, NO-SQL,ORACLE)
Migrations	1. Data base Migrations (Dev env – Test env & Test env – STG env & STG env-Prod env) 2. Storage Migrations
Ticketing Tools	ServiceNow (client) , Jira (internal)
Monitoring Tools	Dynatrace , Prometheus , Grafana , CloudWatch
Security Patches Tools	IBM BIGFIX Tool
Language(s)	Basic – Python , c-language

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 subnets 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
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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 (mechanical Engineering) with 65% from NSRIT COLLEGE OF ENGINEERING, Visakhapatnam.