**Ajaykumar Ambati **

**Bachelor’s Degree in Computer sciences**

**Certified AWS Certified Solutions Architect – Associate**

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**Experience Summary:**

Professional **Software Engineer with** more than **4.1 years** of experience in AWS cloud platform. involved in projects like Infrastructure deployment, cost optimization, cloud migrations, and Management of AWS production accounts.

* Worked with Lift & Shift project where customer landscape migrated to Cloud (AWS)
* Hands-on Cloud Endure Migration tool
* Have a good understanding of Cloud Domain (IAAS and PAAS).
* Working Experience in Clouds like AWS.
* Good communication and interpersonal skills with strong work ethics.

**AWS PROFESSIONAL SUMMARY**

* Experienced in monitoring metrics on EC2, EBS, Elastic Load Balancer, RDS USING CloudWatch.
* Hands-on experience in security and compliances like WAF, Guard duty, Security Hub, Network ACL, Certificate Manager.
* Migrating VM’s from On-premises to cloud ec2 with support of cloud endure tool.
* Manual left and shift migrations activities.
* Hands-on knowledge on FSX service and Directory service deployment.
* Experience in backup services like EBS snapshots, S3 backups, and Amazon Glacier.
* Experience in security policies like Security Groups, IAM roles, and Multi-Factor Authentication.
* Setup/Managing VPC, Subnets; make the connection between different zones. Blocking suspicious Ip/subnet via ACL.
* Create/Managing buckets on S3 (CLI) and bucket policies.
* Migrating Workloads from On-premises to Cloud via Live migration Tools and Manual Migration.
* Leveraging AWS resources to solve the On-premises challenges and giving the solution to the customer.
* Manage IAM roles and console access for EC2, RDS, and ELB services.
* Design high availability applications on AWS across availability zones and regions.
* Setup of Cloud Watch alarms, setting up CloudTrail and creating S3 buckets.
* Understanding requirements from the architects and proposing designs as per requiremen
* Experienced in creating multiple VPCs and public, and private subnets as per requirement and distributed them as groups into various availability zones of the VPC.

**WINDOWS & LINUX PROFESSIONAL SUMMARY**

* Knowledge on Windows Server operating systems versions 2012r2,2016,2019
* Enable and disable ports from the windows defender in AWS point of view like echo request, echo reply
* Troubleshooting knowledge on windows server operating side issues like network connectivity, file server access, user login issues
* Troubleshooting knowledge on windows Client operating side issue
* Hands-on knowledge of software dependency installations
* Scheduling tasks using task manager

**Technical Skills:**

Cloud Technologies : AWS (Amazon Web Services)

Operating Systems : Windows Server 2012/2016/2019

Cloud Security : WAF, Guard Duty, security NACL, IAM

Storage Services : S3, EBS, FSX

Database Services : RDS

Monitoring tool : CloudWatch, Cloud Trail.

Migration tool : Cloud Endure

**Experience Summary**

**Company : PSINYX TECHNOLOGIES PVT LTD,**

**Designation : Software Engineer**

**Duration : May 2019 to Present**

**PROJECT:**

**(Design & Implementation & management Project)**

**Client** : Metmox Software Solutions Pvt Ltd

**Environment** : AWS

**Designation** : Software Engineer

**Duration** : Jan 2019- July 2021

**Responsibilities:**

* Expert in Amazon AWS Cloud Administration which includes services like EC2, S3, EBS, VPC, ELB, EFS, SNS, SES, RDS, IAM, Route 53, Auto scaling, Cloud Watch, and Security Groups with an overall objective to improve the scalability, reliability, performance, and availability of the cloud infrastructure. Administrates the cloud development.
* Effectively monitoring performance degree and its availability.
* Day-to-day system administration of AWS production and non-production environment.
* Building and commissioning of new production and non-production systems as requirements arise.
* Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Load Balancer Latency, and EBS volumes; set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.

**PROJECT:**

**(Design & Implementation & management Project)**

**Client** : YTEK INNOVATIVE PVT LTD.

**Environment** : AWS, Windows

**Designation**  : Cloud Engineer

**Duration** : July 2021 – Jan 2023

**Responsibilities:**

* Using Compute services such as EC2, Load Balancer, and Auto Scaling.
* Implementing Security services such as WAF, Inspector, Guard Duty, and Security hub.
* Created snapshots to take backups of the volumes and images to store launch configurations of the EC2 instances.
* Prepare documentation for configuration and install procedures.
* Experience in designing and configuring SG’s ports, NACL, RT, NAT GW, and VPC Endpoints.
* Building the Target Servers and configuring Security Groups (SGs) to allow inbound communications from On-Premises resources.
* Creating and troubleshooting NLB, ALB (Load balancers), and Autoscaling in a production environment.
* Creating life cycle policies and cross-account access for S3 buckets.



* Place : Hyderabad (Ajay)