

Sambi Reddy Kalakoti
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Objective:

AWS Senior Solutions Architect with **5+ years of dedicated experience in designing, implementing, and optimizing cloud solutions on the AWS platform.** Committed to driving innovation, scalability, and cost efficiency. Seeking a challenging role to leverage my expertise and contribute to the success of organizations through advanced AWS solutions.

Education:

Qualification	Institute	Year
M.Com	Andhra University school of Distance Education	2020
B. Com (General)	Acharya Nagarjuna University	2018
Intermediate	Board of Intermediate Education	2015
SSC	Board of Secondary Education	2013

Skills:

- **Hands on experience on AWS services like EC2, S3, Route 53, Cloud Front, RDS, DynamoDB, Data Migration, Lambda, API Gateway, VPC, IAM, Cloud Formation, Cloud Watch etc.**
- Expertise in designing and implementing cloud architectures for high availability, fault tolerance, and scalability.
- **Infrastructure as Code (IaC)** using AWS Cloud Formation for automated resource provisioning and management.
- Deep understanding of containerization and orchestration using Docker. And other tools like Kubernetes, Terraform, Jenkins. Languages like Python and Bash
- Extensive experience in designing and optimizing server-less architectures using **AWS Lambda and API Gateway for cost efficiency and scalability.**
- Strong knowledge of networking concepts, security best practices, and implementing robust security measures on AWS.
- Performance optimization and cost control in AWS environments.
- Strong problem-solving, troubleshooting, and analytical skills.
- Excellent communication and collaboration abilities.

Work Experience:

CYBER INFORMATION SYSTEMS, BANGALORE

- SENIOR SOLUTION ARCHITECT - JUNE 2018 TO NOV 2023

- Designed and implemented highly available and fault-tolerant AWS architectures, including multi-tier applications, using services like **EC2, ELB, RDS, S3, Data Migration, DynamoDB, and Cloud Formation.**
- Optimized AWS infrastructure for performance and cost efficiency by implementing auto-scaling, spot instances, and reserved instances.
- **Migrated on-premises applications to AWS, utilizing services such as EC2, S3, RDS, and VPN.**
- Implemented server-less architectures using AWS Lambda and API Gateway, resulting in improved scalability and reduced costs.
- Implemented robust security measures, including **VPC, IAM roles, security groups, and encryption, ensuring data protection and compliance.**
- Collaborated with cross-functional teams to ensure smooth deployment and operational support of AWS environments.
- Conducted architecture reviews and provided technical guidance to ensure adherence to AWS best practices.
- Implemented effective monitoring and logging solutions using **Cloud Watch, enabling proactive system management and issue resolution.**
- Led the migration of a large-scale application to AWS, resulting in improved performance, scalability, and cost savings.
- Designed and implemented highly available and fault-tolerant architectures using services like **EC2, RDS, S3, Elastic Beanstalk, and Cloud Formation.**
- Conducted extensive performance analysis and optimization of AWS resources, identifying and resolving bottlenecks to enhance system performance.
- Implemented monitoring and alerting solutions using CloudWatch, enabling proactive identification and resolution of issues.
- Knowledge on Presales and Bid Management. And tools like Kubernetes, Terraform, Jenkins.
- Worked closely with development teams to **optimize application performance and troubleshoot issues on AWS.**
- **Experience in scripting languages i.e : Python, Bash**
- Collaborated with security teams to implement robust security measures, ensuring data protection and compliance with industry standards.

Projects:

FREEDOM (2021-2023)

- Designed and implemented a secure and scalable AWS architecture for a high-traffic web application, leveraging services like **Amazon EC2, Amazon RDS, and Amazon Cloud Front**.
- **Utilized EC2 Auto Scaling, Amazon RDS for high availability, Amazon S3 for static content, and CloudFront for content delivery.**
- Implemented fault-tolerant solutions using multiple Availability Zones and load balancing to ensure high availability and resilience.
- Working knowledge on **Pre sales and Bid Management**. And tools like Kubernetes, Terraform, Jenkins.
- Knowledge on scripting languages
- Implemented AWS security measures including VPC, **IAM roles, and security groups to protect sensitivedata and meet compliance requirements.**

AMBASSADOR (2018-2021)

- Migrated a legacy on-premises application to AWS, leveraging EC2, RDS, S3, and Cloud Formation.
- **Implemented disaster recovery solutions using AWS Backup and performed regular backups to ensuredata protection and business continuity.**
- Implemented high availability and fault tolerance using auto-scaling groups and load balancers.
- **Implemented scalable and optimized data ingestion pipelines, reducing data processing time andimproving overall performance.**
- Implemented comprehensive data security measures, including encryption and access controls, to protect sensitive data.

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Signature of the candidate

Place:

K. SAMBI REDDY