

Vazeer Basha Shaik AWS Cloud Engineer - (Architecture-Focused)

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SUMMARY

AWS Cloud Engineer with hands-on experience designing and implementing highly available, scalable, and secure cloud architectures on AWS. Designed and implemented production-ready systems including multi-tier applications, event-driven workflows, and serverless messaging solutions. Skilled in CI/CD, monitoring, and cost optimization, with a focus on reliability and performance. Aligned with AWS Well-Architected Framework principles.

SKILLS

AWS: EC2, S3, RDS, Lambda, API Gateway, EventBridge, SNS, SQS, CloudFront, VPC, IAM, Route 53, CloudWatch, Auto Scaling, Application Load Balancer

PROJECTS

Multi-Tier Architecture

- Designed a highly available multi-tier system using EC2, Application Load Balancer, and RDS across multiple Availability Zones
- Engineered a secure VPC with public/private subnets, enforcing network isolation using route tables and security groups
- Implemented scalable compute and load balancing strategies to handle variable traffic and ensure system reliability

Event-Driven Architecture

- Built an event-driven system using API Gateway, EventBridge, and Lambda for asynchronous processing
- Enabled loose coupling between services through event-based communication patterns
- Designed fault-tolerant workflows using retries, dead-letter queues, and scalable event routing

Serverless Architecture

- Designed a decoupled messaging architecture using SNS and SQS for asynchronous communication
- Integrated Lambda for scalable event-driven processing and automatic resource scaling
- Ensured reliable message handling using retry mechanisms, DLQs, and fault-tolerant design

ADDITIONAL PROJECTS

- Implemented CloudFront Acceleration to improve global content delivery performance and reduce latency
- Configured AWS Network Firewall to enhance network security and control traffic flow within VPC
- Utilized VPC Access Analyzer to identify and validate network access paths and security configurations
- Automated Security Group management to enforce consistent and secure access control policies

CERTIFICATES

AWS Certified Solutions Architect – Associate (Scheduled)

AWS Skill Builder: Solutions Architect Trained, Security, Networking Fundamentals, Serverless Developer

EDUCATION

Master of computer Applications-MCA, Sree Vidhyanikethan Engineering College

2022 – 2024