







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

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SUMMARY

AWS Cloud Engineer with hands-on experience designing, deploying, and automating scalable, secure, and highly available cloud solutions on AWS. Built architectures including multi-tier applications, event-driven workflows, serverless integrations, and CI/CD automation pipelines. Knowledgeable in cloud infrastructure, monitoring, security, performance optimization, and cost-efficient architectures 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

AWS Portfolio Deployment with CI/CD Automation,

Tech Stack Used: Amazon S3, CloudFront, ACM, GitHub Actions, GoDaddy DNS, IAM

- Designed and deployed a production-grade static portfolio website using Amazon S3 and CloudFront CDN for scalable and globally distributed content delivery.
- Implemented automated CI/CD workflows using GitHub Actions to streamline deployments directly from GitHub repositories to AWS infrastructure.
- Integrated custom domain configuration using GoDaddy DNS and enabled HTTPS security using AWS Certificate Manager (ACM) with TLS encryption.
- Optimized frontend performance and caching through CloudFront edge distribution while maintaining a low-cost serverless architecture.
- Configured IAM-based secure access controls and automated deployment pipelines to reduce manual deployment.

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

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