Ashwini G Rathod

Cloud Engineer (AWS | Azure | Infrastructure)

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Profile summary

Cloud Engineer with 2+ years of hands-on cloud experience through labs, real-time simulations, projects, and professional training in AWS & Azure. Experienced in deploying and managing cloud infrastructure, designing secure network architectures, implementing storage solutions, monitoring performance, and optimizing cloud resources. Strong knowledge of VPC/VNet design, load balancing, IAM/RBAC, HA setups, and cloud security. Completed Cloud Architect Master Program and internship at Elevate Labs. Focused on building reliable, scalable, and cost-efficient cloud environments.

Experience

CLOUD COMPUTING INTERN | OCT – DEC 2025
ELEVATE LABS

Engineered cloud infrastructure across AWS & Azure using **EC2, VMs, VPC, VNets, ALB, NSGs, S3, Blob Storage.**

Designed secure network architectures with **public/private subnets, routing tables, NAT gateways, and firewall policies, improving security posture and reliability.**

Implemented IAM/RBAC models with MFA and policy-based access, reducing unauthorized access risks.

Built monitoring workflows using **CloudWatch, CloudTrail, Azure Monitor, Log Analytics**, enhancing visibility and performance analysis.

Applied cost optimization using **AWS Trusted Advisor, S3 lifecycle rules, Azure Advisor, Blob access tiers,** improving resource efficiency.

Automated provisioning using **AWS CLI, Azure CLI, and template-based deployments,** reducing manual effort.

Created architecture diagrams and documented design decisions, configurations, and best practices.

Collaborated with teams during simulations to validate architecture, troubleshoot issues, and improve deployment workflows.

CLOUD ARCHITECT TRAINEE – SIMPLILEARN (2024 – 2025)

Completed **300+ hours** of AWS & Azure labs focusing on cloud infrastructure design and deployments.

Implemented HA architectures using **Auto Scaling, ALB, multi-AZ**, improving availability and load distribution.

Provisioned storage systems (EBS snapshots, S3 lifecycle, Azure Blob backup policies) ensuring data durability.

Deployed applications using **EC2, RDS, Azure SQL, App Services,** and configured monitoring/alerting.

Troubleshot cloud infrastructure issues across compute, networking, permissions, and storage layers.

Education

MSC – KARNATAKA STATE WOMEN'S UNIVERSITY VIJAYAPUR (2023)

Technical Skills

CLOUD INFRASTRUCTURE ENGINEERING

Compute provisioning | VPC/VNet design | Subnets & routing | Load balancing

High availability | Auto scaling | Storage architecture | IAM | RBAC | Backups

Cloud security | Cost optimization | Monitoring & performance tuning

AWS SERVICES

EC2, VPC, S3, IAM, EBS, ALB, RDS, Route 53, Auto Scaling, CloudWatch, CloudTrail, EFS (Basics), CloudFormation (Basics)

AZURE SERVICES

VMs, VNets, NSGs, Storage Accounts, RBAC, Azure Monitor, Log Analytics, Azure SQL, App Services, Key Vault, Azure Backup

NETWORKING

DNS | DHCP | Subnetting | Routing | Firewalls | VPN Basics | Load Balancers

TOOLS:

AWS Console | Azure Portal | AWS CLI | Azure CLI | CloudShell

Terraform (Basics) | Git (Basics) | Azure Advisor | AWS Trusted Advisor| Window, Linux (basics)

Certifications

Simplilearn – Cloud Architect Master Program (2024)

Covered AWS & Azure full curriculum (AZ-900, AZ-104, AZ-305 + AWS modules).

Projects

AWS MULTI-TIER ARCHITECTURE (HIGH AVAILABILITY)
Designed VPC with private/public subnets, NAT gateway, ALB, Auto Scaling, and RDS.

Created CloudWatch dashboards, alarms, and logs for performance and health monitoring

AZURE CLOUD INFRASTRUCTURE DEPLOYMENT
Deployed VMs, VNets, NSGs, routing, storage accounts, Azure SQL, and App Services.

Configured RBAC, Azure Backup, and monitoring alerts for operational visibility.

CLOUD MONITORING & LOGGING SYSTEM
Built integrated dashboards using CloudWatch & Azure Monitor.

Used log-based metrics and alerts to track CPU, disk, network, and access patterns.

ADDITIONAL DETAILS

Immediate Joiner | Open to Relocation | Strong Analytical & Documentation Skills