Uday Rathod

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SUMMARY

Experienced Cloud Engineer with over 4.5+ years of expertise in architecting and managing AWS cloud solutions, dedicated to optimizing performance, enhancing security, and delivering reliable infrastructure for seamless business operations.

WORK EXPERIENCE

Infosys   Apr 2025 – present
Senior Associate Consultant
- Managed the pods, deployments, replica set and other configurations manifest files for Kubernetes cluster.
- Designed Terraform templates for provisioing AWS resources across multiple AWS accoints in an organization deployed via CICD pipeline.
- Deployed Lambda python code across multiple AWS accounts for fetching infrastructure inventory of EC2 instances, RDS databases & S3 buckets.

Accenture   Dec 2022 – Mar 2025
Cloud Infrastructure Analyst
- Led a migration project within cloud to migrate multiple AWS accounts from one Organization to another Organization with implementation of new network connectivity using AWS Transit Gateways.
- Enhanced client website performance by 30% during peak events like Black Friday, implementing scaling strategies and deploying a courtesy page via Lambda for uninterrupted user experience during downtime.
- Developed Terraform modules & templates to orchestrate the provisioning and management of resources including EC2, RDS databases, S3 buckets, load balancer, DNS & Kubernetes clusters in AWS accounts.
- Managed OS administration, including patching and golden image generation using Hardening scripts, while collaborating with development teams to expertly troubleshoot and resolve OS-related issues.
- Developed and tested disaster recovery plans, leveraging AWS services such as AWS Backup and snapshots which led to a 40% reduction in recovery time objectives (RTO) and a 20% improvement in data recovery point objectives (RPO).

Atos   Aug 2020 – Dec 2022
Senior Associate Engineer
- Delivered L2 and L3-level technical support for AWS Cloud services to clients in the UK and US, achieving an impressive 95% satisfaction rating.
- Implemented robust networking solutions, including Virtual Private Clouds (VPCs), subnets, security groups, and network ACLs, Site-to-Site VPN connections ensuring secure and high-performance environments.
- Conducted security assessments, enforced IAM policies resulting in a 25% reduction in unauthorized access incidents.
- Maintained an outstanding track record, consistently achieving CSAT ratings above 90% from diverse customers for consecutive quarters.

TECHNICAL SKILLS

AWS Cloud
AWS cloud services like EC2, IAM, S3, ALB, CloudFront, RDS/DynamoDB, API Gateway, Route 53, CloudWatch, SNS, SQS, Lambda, CICD pipelines, CloudFormation,EKS.

Devops tools
Terraform, Docker containers, Kubernetes ,CICD pipelines, Python.

PERSONAL PROJECTS

Multi-Tier Architecture on AWS using Terraform
GitHub Link: https://github.com/UdayRathod/aws-terraform-project.git
Architected and implemented a highly scalable 3-tier web application on AWS using infrastructure as code (IaC) tool. Employed Terrafrom to orchestrate the provisioning and management of diverse resources including EC2 instances, RDS databases, S3 buckets,load balancer with backend as S3 in AWS account.

AWS CICD Using Terraform
Github Link: https://github.com/UdayRathod/aws-cicd-pipeline-terraform.git
Deployed CICD pipeline on AWS using AWS servcies like AWS CodeCommit, Codebuild, Code pipeline with encrpytion using Key Management Service (KMS) & using S3 for storing the artifacts.

EDUCATION

Bharati Vidyapeeth college of Engineering   Navi Mumbai, India
B.E (Electronics & Telecommunications)

CERTIFICATES

AWS Certified Developer Associate 🔗	**AWS Certified Solutions Architect-Associate** 🔗	**AWS Certified Cloud Practitioner** 🔗	**Microsoft Certified Azure Fundamentals**
cert id: 3XLNML820FBQ1WS0	cert id: H1JB4CH1YJBEQ4CB	cert id: PF05WEYDHBV4QM3B	cert id: H534-0198