Aniket Rao

Senior Cloud Platform & DevOps Engineer

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Professional Summary

Senior Cloud Platform & DevOps Engineer with nearly 8 years of experience designing, automating, and managing multi-cloud environments. Skilled in Cloud Infrastructure deployments, Kubernetes, Automation, CI/CD and DevOps practices, with a track record of delivering secure, scalable, fault-tolerant and cost-optimized infrastructure solutions.

Technical Skills

Cloud Services: Amazon Web Services, Microsoft Azure, Google Cloud Platform, Ali Cloud

Technologies and Tools: Linux, Windows, Kubernetes (EKS, AKS, GKE), Amazon ECS, IAM, Entra ID, Terraform, Ansible, Docker, Helm, Jenkins, Gitlab, Azure DevOps, ArgoCD, Git, Shell Scripting, Python, Rancher, CloudEndure, Nagios, Cloudwatch, Grafana, Logging, Monitoring

Core Skills: Cloud Infrastructure Provisioning, Automation, Networking, Cloud and Hybrid Migrations, Multi-Cloud Architectures, Disaster Recovery, Cost Optimization (FinOps), CI/CD Pipelines, Compliance and Governance, Security, Monitoring, Observability, Team Collaboration, Project Management

Experience

Senior Cloud and DevOps Engineer at Accenture, Bengaluru, India June 2021 – Present

- Designed and deployed scalable cloud infrastructure with standard and hub-and-spoke models using Terraform, Ansible, and Bash, cutting environment delivery time by over 70%
- Worked closely with Technical Solution Architects to design and plan solutions aligned with business and technical requirements, ensuring the infrastructure is distributed across multi AZs to minimize failure risks.
- Automated cloud managed services provisioning and operational tasks using Infrastructure as Code, reducing manual effort and improving deployment consistency.
- Worked for a banking client project and was responsible for setting up a highly secure, scalable environment on AWS ensuring compliance, implementing granular access controls, and successfully clearing an audit by a government banking authority.
- Provisioned and managed multiple Kubernetes clusters in the cloud (EKS, AKS, GKE) to enable containerized application deployments using helm or via YAMLs along with setting the clusters up for auto scaling using HPA and/or Node scaling extended with KEDA, as well as setup of standalone clusters using Rancher for deploying tools like syslog and proftpd.
- Designed and implemented CI/CD pipelines using Azure DevOps and GitLab to deploy on Kubernetes clusters for application build, test, and deployment workflows with defined security gates using tools like Trivy Scan and rollback mechanisms.
- Automated and maintaining a monthly report generation code using Python and generated monthly via Azure DevOps pipelines, eliminating manual effort and improving reporting accuracy compared to manual reports.
- Managed cloud operations, including incidents, change requests, upgrades, patching, security policies and compliance, with 99% SLA compliance, while leading Disaster Recovery and compliance projects for Fintech and healthcare clients.
- Collaborated with development and infrastructure teams to configure environments, troubleshoot deployment issues, validate technical feasibility, and identify opportunities for optimization before production rollout.
- Responsible for planning, executing, and managing Proof of Concept (PoC) deployments for internally developed applications to evaluate their functionality, performance, scalability, and compatibility with cloud infrastructure.

Cloud Engineer at Minfy, Hyderabad, India March 2019 – May 2021

- Built multiple cloud infrastructures on AWS from scratch, including VPC networking, EC2 instances, EBS, EFS, RDS, S3, Lambda, IAM, and managed services like ECS, CloudFront, AWS WAF, Lambda, SQS, SNS, Route 53 etc., through to complete environment delivery, and implemented cross-region backup automation using Python scripts and AWS Lambda.
- Designed and executed zero-downtime deployment pipelines on AWS EC2 leveraging blue/green deployment strategy, golden AMIs, and ALB-based traffic switching all the while coordinating and updating this activity with three external teams.
- Implemented disaster recovery solutions for data center-to-cloud and cloud-to-cloud lift and shift migrations for government and private sector clients using tools like CloudEndure by AWS and Rackware Cloud Migration tool.
- Evaluated cloud accounts for security posture using tools like Check Point and frameworks such as AWS Well Architected Framework.
- Executed multiple environment migrations from Data Center to Cloud and Cloud to Cloud, completing 90% within planned timelines and achieving around 30% cost savings.
- Developed a serverless AWS solution using Python and Lambda to automate cross-region AMI backups, ensuring business continuity and compliance with backup standards.
- Worked with third-party vendors and performed environment evaluations to optimize cloud costs, achieving over $3,000 in savings on AWS Organization accounts.

Certifications

AWS Solutions Architect Associate	`ID: 78e9456f95e64...`
Microsoft Azure Administrator Associate	`ID: 37BC9BD4EC9527E9`
Microsoft Azure Fundamentals	`ID: ADA86AE950BC3D32`

Awards and Articles

ACE Award under The Extra Mile Category: Recognized at Accenture for taking ownership of setting up a complex and highly secure AWS infrastructure for a banking client, ensuring full audit compliance with Reserve Bank of India (RBI) standards.

Troubleshooter Of The Year: Awarded in Minfy for resolving the most incidents and being the team's go-to for complex issues.
Technical Articles: aniketrao.medium.com