

UBEDULLAH SHAIKH

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PROFESSIONAL SUMMARY

AWS DevOps Engineer with 7+ years of hands-on experience designing, deploying, and operating highly-available ECS, EC2, and Lambda infrastructure. Expert in Terraform Infrastructure-as-Code, GitHub Actions CI/CD pipelines, AWS networking, and security-first practices. AWS Solutions Architect Professional with proven expertise in disaster recovery, infrastructure automation, and technical leadership.

SKILLS

Cloud Platforms: AWS, GCP, Microsoft Azure

AWS Services: ECS (Fargate/EC2), EC2, Lambda, API Gateway, S3, RDS, ElastiCache, Route 53, CloudWatch, ALB/NLB, VPC, Security Groups, NAT Gateways, VPC Endpoints

Infrastructure as Code: Terraform (multi-region, reusable modules, AWS infrastructure provisioning), Ansible, Packer

Containers & Orchestration: Docker, Kubernetes (EKS and multi-cloud Kubernetes exposure), Helm Charts, Amazon ECR, Google Cloud Artifact Registry

Data Platforms: Databricks (AWS production and DR deployment, notebooks)

Security & Compliance: IAM, KMS, Secrets Manager, CloudTrail, GuardDuty, AWS Config, least-privilege access

Monitoring & Observability: CloudWatch, Prometheus, Grafana, Loki, Datadog APM, Splunk

Scripting & Automation: Python, Bash, Linux administration

CERTIFICATIONS

- AWS Certified Solutions Architect Professional
- AWS Certified Solutions Architect Associate
- Certified Kubernetes Administrator (CKA)
- Hashicorp Certified Terraform Associate
- Red Hat Certified Engineer

PROFESSIONAL EXPERIENCE

Freelance DevOps Engineer

Remote Contract | February 2024 - Present

- Architected and provisioned multi-region AWS infrastructure using Terraform across 4+ enterprise projects with disaster recovery solutions ensuring 99.9% availability; built reusable Terraform modules for infrastructure standardization.
- Developed GitHub Actions CI/CD pipelines for Terraform deployments and Docker ECR builds; integrated Jenkins and Bitbucket Pipelines for multi-environment deployments with approval workflows.
- Designed and deployed Amazon ECS Fargate and EC2-based services with multi-container task definitions; managed Kubernetes clusters on AWS with auto-scaling policies ensuring 99.95% uptime.

- Implemented security-first practices: enforced IAM least-privilege policies, managed KMS encryption and Secrets Manager, configured CloudTrail monitoring, GuardDuty threat detection, and AWS Config compliance checking; prevented 100% of security incidents.
- Built centralized observability platform using CloudWatch, Prometheus, Grafana, Loki, Datadog APM, and Splunk; reduced MTTR by 35% for production incidents through proactive alerting.
- Designed API Gateway and Lambda functions for event-driven architectures; implemented Amazon EventBridge for asynchronous processing and infrastructure automation using Python and Bash.
- Managed production workloads across ECS and Lambda; participated in on-call rotations, led root cause analysis (RCA) for complex infrastructure issues, and implemented reliability improvements.
- Gained hands-on exposure to GCP and Azure cloud services, applying common cloud architecture, networking, IAM, security, and infrastructure-as-code patterns across multi-cloud environments.
- Applied cloud cost optimization practices including resource right-sizing, utilization analysis, and infrastructure efficiency improvements across production environments.
- Provisioned production and disaster recovery (DR) Databricks clusters on AWS using Terraform, including supporting infrastructure and notebook-based workloads.
- Developed and deployed Helm charts for Kubernetes workloads across GCP and Azure clusters, enabling consistent and repeatable application deployments across cloud environments.
- Automated container image workflows to pull public images, apply version tags, publish them to Google Cloud Artifact Registry, and deploy applications to GCP and Azure Kubernetes clusters using Helm charts.

LTIMindtree, Mumbai

Senior Cloud Engineer | August 2022 - February 2024

- Built Terraform-based AWS infrastructure for 3+ enterprise projects with multi-region disaster recovery; managed EC2, RDS, ElastiCache, VPCs, and security groups across 24/7 operations.
- Developed Jenkins CI/CD pipelines integrating Nexus repository reducing deployment time by 45%; automated Docker/ECR pipelines using GitHub Actions reducing build time from 25 to 8 minutes.
- Implemented centralized observability using Datadog APM, Splunk, Prometheus, Grafana, and Loki across 4+ microservices; established proactive alerting protocols reducing downtime by 20%.
- Implemented Ansible-based automation for Linux server hardening; enforced IAM policies and network ACLs for least-privilege access reducing configuration drift by 90%.
- Developed disaster recovery plans using AWS Auto Scaling and Elastic Load Balancers achieving 15-minute RTO.
- Established reliability engineering practices including service-level objectives (SLOs), service-level indicators (SLIs), production alerting, incident response, and post-incident RCA to improve service reliability.
- Led production incident triage and root-cause investigations, identifying systemic reliability risks and implementing preventive actions to reduce recurring incidents.
- Performed capacity and scaling assessments for production workloads, using traffic patterns and resource utilization to identify infrastructure constraints and plan scaling requirements proactively.
- Defined standardized DevOps patterns and CI/CD workflows across environments, introducing safe deployment strategies (blue-green, canary) and automated rollback mechanisms.
- Evaluated architecture designs for reliability, security, and scalability while managing Kubernetes workload resources and auto-scaling policies.

Uplers, Mumbai

Cloud Engineer | January 2022 - July 2022

- Pioneered Infrastructure-as-Code adoption using Terraform for 6 projects reducing manual provisioning by 70%; designed scalable EC2 and RDS infrastructure supporting multiple applications.
- Architected CI/CD pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy achieving 5+ releases per week; managed Route 53 DNS and SSL/TLS configuration with zero-downtime migrations.
- Implemented cost-effective cloud strategies reducing infrastructure spend by 22% through right-sizing and reserved instances.
- Standardized environment provisioning and developer workflows to streamline deployment cycles across application teams.
- Applied cloud cost optimization strategies including resource right-sizing and utilization analysis across production workloads.

GoldenSource, Mumbai

Software Engineer / Junior Software Engineer | November 2018 - January 2022

- Deployed scalable applications on Amazon Elastic Beanstalk achieving 99.9% uptime serving 10M+ monthly pageviews; designed CloudWatch monitoring and logging for 25+ infrastructure components.
- Automated Linux server management using Bash scripting reduced manual tasks by 60%; deployed SSL/TLS certificates for 10+ domains; implemented IAM and PAM access controls.
- Performed routine system architecture and security reviews to enhance long-term system maintainability and uptime.

EDUCATION

Bachelor's in Computer Engineering, Mumbai University | 7.0 CGPA (2017)