M Hamza Razzaq

DevOps Engineer, 4x AWS Certified, CKA CKAD

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Experience Summary

Bachelor's degree (4 years) in Computer Science with 4+ years of software industry experience.

4 years of hands-on experience in DevOps, supporting, automating, and optimizing critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes.

An experienced team player with excellent communication skills and has the ability to work independently.

Experience of working in Agile Development and Scrum Model.

Technical Skills

AWS	Terraform, IAM, VPC, S3, EC2, EKS, ECS, RDS, Route53, ELB, ASG, Cloudfront, Opensearch, AWS SSO, Secret Manager, Lambda, CloudWatch, StepFunctions, SNS, SQS, KMS, Cloudformation, ElastiCache and others
Kubernetes	Kubernetes, Docker, Docker Compose, Helm, Kustomize, EFK Stack, Argocd, External Secrets, Cert Manager
CICD	Github Actions, ArgoCD, Jenkins, DroneCI, CircleCI, CodeBuild, CodeDeploy, CodePipeline
Languages	Python, Bash, HCL, YAML
Others	Linux, SSO, NGINX, Certbot, New Relic, Git, OpenVpn

Experience

Callsign — DevOps Engineer — Abu Dhabi, UAE

Technologies: AWS, Kubernetes, Docker, EFK Stack, Terraform, Gitlab

EMPG Labs — DevOps Engineer — Lahore, Pakistan

Technologies: AWS, Kubernetes, Docker, EFK Stack, ArgoCD, Terraform, Github Actions, Jenkins, Bash, Python

- Worked on applications migrations to Docker and Kubernetes.
- Worked with different tools like ArgoCD, ALB Ingress Controller, Helm, Kustomize, External Secrets, ARC, Cert Manager and others.
- Built fault tolerant and self healing CICD framework using Github Actions and ArgoCD for faster and automated deployments.
- Built logging framework integrated with EKS by using EFK stack which enabled developers to have real time logging of applications.
- Worked on creating and maintaining AWS infrastructure using IaC tools like Terraform.

- Worked on writing bash and python scripts for automating day to day manual tasks.
- Worked on setting up AWS SSO with ArgoCD and Openseach for easy and secure access.
- Worked on creating a real time monitoring solution for applications endpoints using Cloudwatch Alarms, Metrics and Chatbot.

Arbisoft — DevOps Engineer — Lahore, Pakistan

Technologies: AWS, Kubernetes, Docker, Terraform, Jenkins, Nginx, NewRelic, CircleCI, Bash, Python

- Worked on migrating their AWS infrastructure from standalone ec2 machines to auto-scaling groups based architecture.
- Worked on creating and improving CICD pipelines for faster delivery using CircleCI and AWS CodeDeploy.
- Worked on writing cloudformation scripts for infrastructure provisioning.
- Worked on Nginx performance tuning and reduced application response time over 70%.
- Worked on writing bash scripts for automating repeated manual tasks.
- Worked on configuring New Relic as an APM tool for better application performance insight.

Northbay Solutions — DevOps Engineer — Lahore, Pakistan

Technologies: AWS, IaC, S3, IAM, EC2, RDS, ECS, Config, Route53, Elascache, Codepipeline, ALB, ASG and others

- Worked on writing reusable IaC scripts in Cloudformation and Terraform for infrastructure provisioning.
- Worked on designing architecture for migrating an application from rackspace to ECS.
- Worked on writing new and updating existing step functions for orchestration of workflows.
- Worked on setting up SFTP server on AWS using AWS Transfer Service.
- Worked on setting up NewRelic APM for real-time error analysis with on-demand diagnostic tools.

Depository Works — Software Engineer — Remote, USA

Technologies: .Net Core, C#, MVC, Swagger, MS SQL Server

- Worked as a .Net developer and was responsible for writing rest apis

Education

Punjab University College of Information and Technology — *Bachelor's in Software Engineering*

(3.62 CGPA) 2015 - 2019

Certifications

AWS Certified DevOps Engineer - Professional

Certified Kubernetes Administrator

Certified Kubernetes Application Developer

AWS Certified Solutions Architect - Associate

AWS Certified Developer - Associate

AWS Certified Cloud Practitioner

Achievements

Golden Badge in Python programming language on Hackerrank.

Winner in 2 programming competitions held at UET, GCU and Comsats Lahore.