

M Hamza Razzaq

DevOps Engineer, 4x AWS Certified

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Experience Summary

Bachelor's degree (4 years) in Computer Science with 3.5+ years of software industry experience.

3+ 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	Jenkins, Github Actions, ArgoCD, DroneCI, CircleCI, CodeBuild, CodeDeploy, CodePipeline
Languages	Python, Bash, HCL, YAML
Others	Linux, SSO, NGINX, Certbot, New Relic, Git, OpenVpn

Experience

EMPG Labs — DevOps Engineer

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 Opensearch 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

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 creating and maintaining AWS infrastructure i.e. VPC, Launch Template, Auto-scaling Groups, Load Balancers, CloudWatch Alarms and Log Groups.
- 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

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

- Worked on writing reusable IaC in Cloudformation and Terraform for different AWS services like EC2, RDS, S3, Cloudwatch Alarms, Auto Scaling, ALB, Launch Template, Code Deploy, Config and others.
- Worked on designing architecture for migrating an application from rackspace to ECS.
- Worked on creating ready to use EC2 instances by writing bash scripts for automating installation of different tools like Oracle 12.2 Database, AWSSCT, Python3, Pip, PostgreSQL Client and others.
- 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

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](#)

[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.