

ABDUL REHMAN

DevOps Engineer | Cloud Infrastructure | CI/CD Automation | Platform Reliability & Security

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Islamabad, Pakistan



SUMMARY

DevOps Engineer specializing in cloud infrastructure, platform reliability, and secure software delivery across multi-cloud environments (AWS, Azure). Experienced in operating Kubernetes-based platforms, implementing GitOps workflows with ArgoCD and FluxCD, and building automated CI/CD pipelines using GitHub Actions, GitLab CI, and Jenkins. Skilled in Infrastructure as Code (IaC), cloud security, and high-availability architecture, with hands-on experience managing distributed systems, blockchain/Web3 infrastructure, and production-grade Linux environments to deliver scalable, secure, and highly automated platforms.

EXPERIENCE

Senior Devops Engineer

ChainGPT

01/2026 - Present Islamabad, Pakistan

ChainGPT is an AI-driven Web3 infrastructure platform providing tools for smart contract generation, security auditing, NFT creation, and blockchain analytics.

- Architected and secured blockchain infrastructure (RPC, validator, archive nodes) with hardened OS baselines, restricted RPC exposure, and private networking to minimize attack surface.
- Built and managed infrastructure using Terraform (modular IaC) with remote state backends, state locking, and environment isolation for secure, auditable deployments.
- Designed secure VPC architectures (private subnets, NAT, security groups, NACLs) to isolate blockchain nodes and prevent unauthorized access.
- Implemented key security controls including secrets management (Vault/Cloud Secrets Manager), encrypted storage, and strict IAM leastprivilege policies
- Integrated DevSecOps pipelines with automated security scanning (SAST, container/image scanning) and policy enforcement for infrastructure and application layers.

Senior Devops Engineer

Funavry Technologies

01/2026 - Present Islamabad, Pakistan

Funavry Technologies is an IT services company delivering software development, blockchain, and digital solutions for global clients.

- Designed and managed scalable Kubernetes infrastructure on AWS, supporting containerized workloads with services including ECR, ECS, EC2, and RDS while ensuring high availability and performance.
- Implemented GitOps-based deployment workflows using ArgoCD and FluxCD, enabling automated, reliable application delivery across multiple environments.
- Optimized Kubernetes cluster scalability using Karpenter and KEDA, enabling dynamic node provisioning and event-driven workload scaling.
- Built and maintained secure CI/CD pipelines using GitHub Actions and AWS CodePipeline, automating build, test, and deployment workflows.
- Implemented service mesh architecture using Istio, with Kiali for traffic observability and service monitoring within Kubernetes clusters.
- Deployed and supported Web3 / blockchain-based infrastructure, ensuring reliable operation of distributed workloads in cloud environments.
- Strengthened cloud security by configuring IAM policies, role-based access controls, and network security practices across AWS environments.
- Implemented secure remote access infrastructure using Defguard VPN, managing user authentication and policy-based access control.
- Developed automation and operational workflows using AWS Lambda for infrastructure management and operational scaling tasks.

SKILLS

Blockchain & Web3 Infrastructure

Blockchain Infrastructure

Web3 Platforms

Distributed Node Deployment

Hybrid Node Deployments

RPC Infrastructure Management

CI/CD & Automation:

Jenkins (Pipeline as Code)

GitHub Actions

GitLab CI/CD

Azure DevOps Pipelines

CodeCommit

CodePipeline

CodeBuild

Scripting & Ansible

Terraform

CloudFormation

ArgoCD

FluxCD

Cloud & Infrastructure

AWS

Azure

EC2

VPC

Route 53

Virtual Machines

DigitalOcean

Hetzner

Vultr

S3

Blob Storage

Redis

Elasticsearch

IAM

Security Groups

Network ACLs

CloudTrail

Lambda

Kafka

Celery

DevSecOps

Security Scanning

SAST

Container/Image Scanning

Policy Enforcement

Infrastructure

Application Layers

Keda

Karpenter

Defguard

EXPERIENCE

DevOps Engineer

IKONIC

03/2025 - 01/2026 Islamabad, Pakistan

IKONIC Dev Pvt Ltd builds custom web and mobile software, helping businesses turn ideas into scalable digital products.

- Designed, deployed, and maintained **Laravel (PHP) applications** using **Docker Swarm**, ensuring high availability and scalable service orchestration.
- Built and supported **React + Python AI applications**, including **GPU-based AI bots**, deployed on **AWS EKS** and **Azure AKS**.
- Implemented **CI/CD pipelines with GitHub Actions** for automated build, security checks, and multi-environment deployments.
- Managed and secured cloud infrastructure across **AWS and Azure**, including **ECS, EKS, RDS, and Amplify**.
- Configured **network security, firewalls, and access controls** to harden application and cluster environments.
- Optimized containerized workloads for performance, cost efficiency, and operational reliability in production.

DevOps Engineer

Forbmax

08/2023 - 03/2025 Islamabad, Pakistan

A technology company focused on developing innovative solutions using cloud infrastructure and DevOps practices.

- Architected end-to-end **Jenkins** pipelines with stages: Code Checkout → Build → Unit Tests → Code Analysis (**SonarQube**) → Security Scans (**Trivy, OWASP**) → Artifact Generation → Image Build → Integration Tests → Deployment
- Implemented comprehensive **DevSecOps** practices integrating security at every pipeline stage
- Implemented GitOps workflows with **ArgoCD**, ensuring automated and declarative Kubernetes deployments.
- Deployed and automated containerized applications on **Kubernetes** using **Docker** and **Helm** for scalable and efficient delivery.
- Enhanced observability with Prometheus and **Grafana**, ensuring real-time monitoring and alerting.
- Controlled GitHub repositories, managing branches, pull requests, and resolving merge conflicts for smooth development workflows.
- Configured Ingress controllers (**Nginx, Traefik**) for secure application routing.
- Optimized cluster performance, handling autoscaling, resource allocation, and workload tuning.
- Managed EC2 infrastructure including auto-scaling, security groups, EBS volumes, and **ECR** repositories Implemented AWS security best practices with **IAM** roles, network security, and encryption configurations

Linux System Administrator

Onyx Tech

2022 - 2023 Lahore

- Administered and maintained enterprise Linux systems (**RHEL 7/8**), managing system configurations, **security patches**, and updates using YUM/RPM.
- Implemented and managed storage solutions including **LVM, partitioning**, and **RAID** configurations for optimal **system performance**.
- Configured and maintained critical network services including **Apache, DNS, NFS**, and **FTP** servers in production environments.
- Established robust backup and recovery procedures using various tools including **rsync** and tape backups.
- Implemented system monitoring and performance optimization using tools like **top, htop, iostat, netstat, pidstat** and custom scripts.
- Managed user access controls and implemented advanced permissions (**SUID, SGID, Sticky bits**) according to security best practices.
- Managed network configurations including **IP** addressing, routing, and **firewall** rules using **iptables**.

SKILLS

Containerization & Orchestration

Docker Multi-stage Builds Docker Swarm

Kubernetes Cluster Management

Azure AKS AWS EKS Docker Hub

AWS ECR AWS Amplify App Service

Monitoring & Security

Zabbix Prometheus & Grafana

CloudWatch ELK Stack CloudTrail

SonarQube OWASP Trivy

SSL/TLS SELinux IAM Policies

Dozzle Uptime Kuma

Firewall Configuration Kiali Semgrep

Dependabot Netdata Portainer

Web & API Gateways

Apache Nginx HAProxy

AWS API Gateway Caching Strategies

Ingress Nginx API Gateways

Nginx Proxy Manager Istio