Muhammad

DevOps & AWS Cloud Engineer | CI/CD | Kubernetes | Automation

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Portfolio: https://muhammad-cloudresume.site

PROFILE

DevOps & AWS Cloud Engineer with hands-on experience delivering **production-ready cloud infrastructure** using **AWS**, **Docker**, **Kubernetes**, **CI/CD**, and **Infrastructure as Code**. Strong focus on **automation**, **scalability**, **security**, and **cost optimization**. Native **Saudi Arabic dialect** with professional English, well-suited for **Saudi Arabia (KSA) DevOps & Cloud teams**.

EDUCATION

University of the Punjab – BSc (Hons) Computer Science
Dec 2021 – Jul 2025

- **Relevant coursework:** Functional & Object Oriented Programming, Data Structures and Algorithms, Information Security, Computer Networks

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SELECTED DEVOPS & AWS PROJECTS

AWS EKS Microservices Platform | View Repository

- Built **production-ready Kubernetes cluster** using **Terraform**
- Implemented **GitOps with ArgoCD** and **CI/CD via GitHub Actions**
- Designed **high-availability VPC architecture** with ALB & Route 53

Secure Containerized Infrastructure | View Repository

- Deployed **Docker & LXD containers** with **zero exposed inbound ports**
- Implemented **Cloudflare Tunnel**, **UFW**, **Fail2Ban**, **SSH hardening**
- Achieved **100% deployment automation** and strong security posture

Serverless Cloud Resume | View Live AWS Project | View Repository

- **S3 static hosting**, **CloudFront CDN**, **Lambda**, **API Gateway**, **DynamoDB**
- Demonstrates **serverless architecture**, **IaC concepts**, and **AWS best practices**

CI/CD Full-Stack Deployment | View Repository

- Designed **multi-stage Docker builds**
- Deployed on **AWS ECS & App Runner**
- Enabled **zero-downtime releases & rollbacks**

SKILLS

- **AWS Cloud:** EC2, S3, EKS, ECS, Lambda, API Gateway, CloudFront, Route 53, CloudWatch, VPC, IAM, DynamoDB
- **DevOps & CI/CD:** Docker, Kubernetes, GitHub Actions, ArgoCD (GitOps), Zero-Downtime Deployments
- **Infrastructure as Code:** Terraform, CloudFormation (Basics)
- **Security & Networking:** Zero-Trust Architecture, SSH Hardening, UFW Firewall, Container Security, VPC Networking
- **Programming & Automation:** Python, Go, Bash, JavaScript, REST APIs, JWT Authentication
- **Monitoring & Observability**: Prometheus, Grafana, AWS CloudWatch
- **Soft Skills:** Multilingual (Urdu, English, Arabic), teamwork, public speaking

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CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- **Docker, Kubernetes & AWS with GitHub Actions for DevOps** - Udemy

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INTERESTS

- Cloud Computing & DevOps
- Continuous Learning
- Open Source Contribution
- Reading (Tech & Personal Development)
- System Design
- Go Programming Language