

Muneeb Ali

Cloud DevOps Engineer & AWS Solutions Architect

An independent and self-motivated hardworking individual dedicated towards goals.

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EDUCATION

BSc. Computer Engineering

Bahauddin Zakriya University

12/2021 - 06/2025

Multan, Pakistan

Courses

- Operating System
- Database Management
- Data Structure & Algorithm
- Computer Architecture

Intermediate in Computer Science

City College of Science & Commerce

02/2019 - 07/2021

Multan, Pakistan

WORK EXPERIENCE

DevOps Engineer

ICT Vision

06/2023 - Present

Multan, Pakistan

Achievements/Tasks

- **Cluster Setup and Management:** Successfully deployed and managed high-availability clusters by setting up load balancing and failover configurations, ensuring continuous availability and stability of critical applications across different environments.
- **Security Hardening:** Applied security best practices by implementing SELinux, configuring firewalls, and managing user access control, enhancing the overall security posture of Linux servers.
- **Dockerfile Deployment:** Made multiple Dockerfile that enhanced the software implementation and deployment.

Cloud-Based Intrusion Detection and Lockdown System (FYP)

Dept. of Computer Engineering, BZU

01/2025 - 05/2025

Pakistan

Achievements/Tasks

- **Facial Recogniton & OTP System:** My Final Year Project was a building security system using AWS Rekognition for facial verification and AWS SNS to send OTPs via email. The ESP32-CAM captured the face, matched it through AWS, and only users with a verified face match received an OTP.
- **Lockdown & Underground Mechanism:** If access failed or any force was applied to the entrance wall, a vibration sensor was triggered, activating multiple actions: door lockdown, underground mechanism activation, and a smoke machine to blur visibility.
- **Hands-on with AWS Services:** The system ensured real-time coordination between ESP32-CAM and AWS API's through Wi-Fi communication, providing an automated, multi-layered response to unauthorized access.

Project Demonstration : <https://lnkd.in/dNw2fHmC>

SKILLS

Automation & Deployment

Docker Containerization

Linux Administration

CI/CD Pipelines

Kubernetes Orchestration

Database Management

PERSONAL PROJECTS

Three-tier Netflix Clone with CI/CD Pipeline & Zero-Downtime Scalable Deployment on AWS (06/2025 - 07/2025)

- Architected a fault-tolerant three-tier web application on AWS, integrating CI/CD pipelines for automated delivery. Leveraged auto scaling, load balancing, and distributed infrastructure to ensure zero-downtime deployments, enhanced availability, and seamless performance under dynamic user load conditions.

Java Web Application Deployment on AWS (08/2024 - Present)

- Deployed a Java-based application using Docker, ECR, and Kubernetes! This task-project has been an incredible journey, delving into modern deployment practices and achieving seamless integration.

Dockerfile Deployment (07/2024 - Present)

- Designed a Dockerfile that enhances the software deployment process for client sites, improving both speed and reliability. A step forward in creating streamlined tech solutions.

RELEVANT COURSES

AWS Solution Architect Associate

AWS DevOps Engineer

Docker and Kubernetes

LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Linux

Cloud Computing

Automation and Scripting

Orchestration

Cloud Database

CI/CD Pipeline