

# MUHAMMAD HASSAN JAVED

## Cloud DevOps Engineer

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Portfolio Website Link

Lahore, Pakistan

### EDUCATION

#### B.S. Physics

GC University Faisalabad

09/2019 - 09/2023

Faisalabad, Pakistan

#### DevOps and Serverless

Systems Limited ITM Program

07/2023 - 01/2024

Lahore, Pakistan

### TRAINING / COURSES

#### Cloud Seekho

Google for Developers

#### Website Building

Microsoft Learn

#### Cybersecurity Essentials

Cisco Networking Academy

### SKILLS

#### Programming Skills

JavaScript

C++

C#

ASP.Net Core

Python

jQuery

Flask

#### Databases & Cloud services

SQL

DynamoDB

EC2

ECS

EKS

ECR

API Gateway

Lambda

IAM

#### Tools and Technologies

Linux

Git

Terraform

Docker

Ansible

SAM

Jenkins

Bash

Powershell

### SUMMARY

Results-driven Cloud DevOps Engineer with a solid foundation in Serverless and DevOps methodologies. Showcasing proficiency in deploying and managing scalable and reliable cloud infrastructure. Adept at utilizing tools such as AWS, Git, Jenkins, Ansible, and Docker to automate processes, streamline deployments, and optimize system performance.

### PROJECTS

#### Serverless Project

- Created and hosted a 3-Tier Web App using AWS Serverless Application Model that manages Students Data
- Efficiently used Lambda functions and API Gateway to perform CRUD on DynamoDB table using Boto3 Library
- Provided an interface using JavaScript, for interaction of users with the database, while hosting it on S3

#### Terraform Project

- Managed and provisioned AWS infrastructure and resources using Terraform as an IaC tool
- Created a VPC with Private and Public Subnets and EC2 Instances along with NAT Gateway and Load Balancer
- Installed the Apache web server on the private instance and accessed it through a web browser

#### Jenkins Project

- Hands-on experience of building and setting up the CI/CD Pipeline for a GitHub project
- Implementing and creating a custom Webhook between GitHub and Jenkins with auto-trigger configuration
- Automated software and infrastructure deployment on Apache Server hosted on an EC2 Instance

#### Portfolio Website

Portfolio Website Link

- Developed an interactive personal portfolio website to display previous completed work to the clients
- Efficient use of color theory, animations, and responsiveness through CSS and JavaScript
- Successfully hosted this highly detailed and feature-rich website on an external platform

#### Admin Panel

- Created a 2 Tier admin panel web app using ASP.NET Core and Containerized using Docker
- Integrated application and database in a very power and cost-efficient manner while using MVC paradigm
- Administered, designed and developed an SQL relational database model to facilitate efficient data manipulation and data consistency

#### Art Gallery

Art Gallery Website Link

- Lead a team of 5 people and delivered higher quality work within the project timelines
- Followed and Achieved all 5 Phases of SDLC while working on the project
- The final product is an HTML, CSS static website which is hosted on an AWS S3 Bucket