



# Muhammad Faizan Ikram

## Cloud DevOps Engineer

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### PROFILE

Accomplished DevOps Engineer with a proven track record in securing and optimizing cloud environments. I collaborate closely with development and operations teams to streamline CI/CD processes and enhance security protocols. Recognized for driving efficiency and security across cloud deployments, I excel at managing complex infrastructure projects and automating key processes to minimize risks and downtime. My strategic approach and in-depth understanding of AWS and Oracle Cloud environments enable me to deliver robust, scalable solutions that contribute to the overall growth and stability of the organization.

### TECHNICAL SKILLS

- AWS & Oracle Cloud
- Kubernetes
- Docker
- Networking & Security
- Cloud Security
- Python Scripting & Automation
- SQL & NoSQL Databases
- Technical Documentation
- Infrastructure as Code (Terraform)
- CI/CD Pipelines (Jenkins, AWS Code Pipeline)
- Git & GitOps (ArgoCD)

### PROFESSIONAL EXPERIENCE

#### Cloud Security Engineer, GoSaaS Inc.

Oct 2022 – present | Lahore, Pakistan

- Implement AWS Best Practices and CIS Standards for security and compliance, reducing security incidents and enhancing cloud environment security.
- Create technical documentation for security, compliance, privacy, and backup procedures, facilitating smooth audits and risk assessments.
- Collaborate with development and operations teams to troubleshoot and resolve infrastructure, deployment, and resource utilization issues, improving system stability and performance.
- Manage infrastructure as code with Terraform and establish CI/CD pipelines using AWS CodePipeline and Jenkins, decreasing deployment times and increasing efficiency.
- Administer Kubernetes for application deployment and management, ensuring reliable scaling and availability.
- Automate infrastructure management, security monitoring, and deployments using Python, reducing manual intervention and accelerating processes.
- Optimize containerization with Docker and manage SQL & NoSQL databases to troubleshoot and resolve issues related to performance, connectivity, and data integrity.
- G-Suite administration, streamlining user management and maintaining compliance with organizational policies.

#### Cloud DevOps Trainee, SkipQ

Jun 2022 – Sep 2022 | Remote

- Used Infrastructure-as-code (IaC) for deployment of micro-services based web applications.
- Created and maintained fully automated CI/CD pipelines for multi-stage code deployment using AWS CodePipeline.
- Built a public REST API Gateway endpoint for CRUD operations on database with integration of CI/CD.
- Built and deployed Docker containers to break up monolithic app into micro-services, improving testing and development workflow.
- Hands-on knowledge of Linux System Administration, VPC and Version Control System like Git.
- Developed expertise in AWS services including but not limited to EC2, Lambda, S3, DynamoDB, IAM, and APIs.

#### Computer Vision & IoT Intern, The Spark Foundation

Oct 2021 – Nov 2021 | Remote


- Worked on Machine Learning and OpenCV projects.
- Developed skills in utilizing libraries like OpenCV, NumPy, Pandas, Tensorflow and Keras.

## EDUCATION

**Bachelors in Electrical Engineering**, *Namal University Mianwali*

Oct 2018 – Jun 2022 | Mianwali, Pakistan

## PROJECTS

**SignTalk**, *Final Year Project* 

A mobile application-based system to convert sign language into text and speech using Machine Learning.

**Web Health Monitoring App**, *Cloud AWS* 

A multi-stage CI/CD based web health monitoring app using AWS services (CloudWatch, Lambda, DynamoDB, S3, API Gateway. CodePipeline, SNS.)

**Software House Network Design**, *Networking* 

A complete networking system for a software house building using Packet Tracer.


## CERTIFICATES

**AWS Certified Cloud Practitioner**  — AWS

**Oracle Cloud Infrastructure 2023 Certified Architect Associate**  — Oracle

**Oracle Cloud Infrastructure 2023 Certified DevOps Professional**  — Oracle

**General Logic-Timed Coding (Python)**  — Triplebyte

**Problem Solving**  — HackerRank

## LANGUAGES

**English** — Fluent

**Urdu** — Native/Bilingual

## INTERESTS

Cloud Computing | DevSecOps | Automation | Movies | Programming