

Systems/DevOps Engineer

github.com/waseemuddin
[linkedin.com/in/waseemuddinshaikh](https://www.linkedin.com/in/waseemuddinshaikh)

EDUCATION

MS Computer Science

SZABIST | Karachi, Pakistan |

CGPA: 3.18

2013 - 2016

BS Software Engineering

University of Sindh | Jamshoro,
Pakistan |

CGPA: 3.25

2008 - 2012

COURSES & CERTIFICATIONS

AWS Cloud Quest

(Partitioner) Amazon | 2013

AWS Cloud Boot Camp

Softoo/Contour | 2023

Microsoft Azure Fundamentals

Microsoft | 2023

SKILLS

OS: Linux

[REHL/CentOS/Ubuntu],

Windows, MacOS

Containerization &

Orchestration: Kubernetes,
Docker, OpenShift, AWS EKS,
Helm

Cloud: AWS, GCP, Azure

Servers & Storage: NVIDIA

GPU, Dell R Series, SAN,

NAS

Version Control: GitLab and

GitHub,

Virtualization: Linux KVM,

VMWare (Esxi, vSphere),

Proxmox

CICD: Jenkins, GitLab

CAREER OBJECTIVE

I am passionate about **automating** and **streamlining** processes by **identifying gaps** specialized in **Automation, Build and Release Engineering, Configuration and Infrastructure Management, Containerization and Orchestration Technologies** with **7+ years** of experience in **Cloud and DevOps**. committed to adding value through innovative and secure solutions that enhance system performance, security, and reduce manual effort.

EXPERIENCE

Systems/DevOps Engineer

Aug 2025 – Present

Ministry of Information & Broadcasting - Project | Islamabad, Pakistan

- As DevOps Engineer, I helped design and implement the robust infrastructure for Pakistan's first AI/ML-powered 24/7 media monitoring system. My responsibilities included:
- Deployed and automated CMU's AI-enabled monitoring infrastructure using a highly available Kubernetes environment with GPU based clusters, ensuring fair resource allocation and workload balancing.
- Configured centralized monitoring with Prometheus and ELK Stack to track GPU utilization, temperature, memory usage, system health, provide log analytics and alerting 24/7 media monitoring operations.
- Optimized system performance and scalability to support real-time monitoring of over 90 local and 35 international media channels
- Implemented security hardening and access control policies to safeguard sensitive government media data

Manager IT and MIS

Aug 2018 – July 2025

Fauji Foundation – Group of Industries | Islamabad, Pakistan

- Production experience with AWS and Azure as a cloud provider and creating and managing highly available, fault-tolerant, secure, and cost efficient cloud infrastructure.
- Implemented and managed container orchestration using Kubernetes & Docker
- Design, Build Implement DevOps practices CI/CD in runtime with DevOps tools like GIT, Maven, Jenkins, Ansible, Docker, Kubernetes, Nagios & managing cloud services with Azure & AWS.
- Creating & maintaining infrastructure for Applications in AWS using Terraform and Cloud Formation.
- Collaborated with cross-functional teams to design & implement Azure / AWS DevOps CI/CD processes, resulting in reduction in deployment time & increase in successful deployment.
- Experience in provisioning and configuring RHEL, Centos, Ubuntu and installation of packages for Linux Servers
- Experience in the areas of Virtualization Software such as KVM and VMware (Esxi, VSphere).
- Managed Azure / AWS source code repositories, reducing conflicts & improve code.
- Provided technical support to end users and troubleshooted any issues.

Webserver: Apache/httpd,
Nginx, IIS

Infra Automation: Ansible and
Terraform

Monitoring: CloudWatch,
Zabbix, Prometheus, Grafana
and Nagios, Bash

OTHER TOOLS

MS Project, Visio, Anana, Agile,
MS Office, Power BI, Visual
Studio, Postman, Adobe
Photoshop, Adobe Premiere

SOFT SKILLS

Result Oriented, Self Driven
Creativity, Meet Challenges Multi-
Tasking, Problem Solver

Web & Computer Networks Officer

Feb 2019 – July 2018

Ministry of Planning Development & Reform Project | Islamabad, Pakistan

- Developed /Maintain website for M&E System and manage the contents & Database Reports
- Responsible for designing, developing, and maintaining websites hosted in a secure environment.
- Coordinate with ministry offices and facilitate the update about the project progress
- Developed and managed IT capital and expense budgets for the installation and upgrade of hardware and software systems.
- Managed IT asset management processes.
- Provided support for day-to-day operational tasks, troubleshooted issues, and stayed up-to-date with the latest IT trends and technologies to address complex problems.

Software Developer & MIS Officer

Sept 2013 - Jan 2018

SZABIST ZABTech (iTVE) | Karachi, Pakistan

- Campus system for University and Technical and Vocational Institutes, MIS, HR, Payroll, Portals, with Email/SMS Notification | 30+Reports [PDF | Excel]
- Enhanced Existing Systems and Developed New System Modules Deployed and Error Free ongoing
- Responsible for upgrading and managing the existing in-house developed ERP system, resolving day-to-day issues, and actively participating in research and development of new software systems to meet the organization's needs.
- Collaborated with other IT staff to develop and implement IT policies and procedures, managed budgets and resources for IT projects and initiatives. I also kept abreast of technological advancements and made recommendations for upgrades and improvements to the organization's IT infrastructure.