

# GHULAM MUJTABA

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Address: Gulzar-e-Quaid Islamabad, Pakistan

## SUMMARY

DevOps Engineer with 4+ years of technical experience, including 2+ years specializing in managing, automating, and optimizing large-scale deployments. Proficient in Kubernetes, Azure DevOps, Jenkins, Docker, and cloud infrastructure. Strong collaborator with a proven ability to troubleshoot complex issues and deliver impactful solutions. Seeking a challenging Cloud-IT role to further enhance technical expertise and contribute to organizational success.

## TECHNICAL SKILLS:

- **Version Control & CI/CD:** Linux, Git, GitHub, GitHub Actions, GitLab, Jenkins, Azure DevOps.
- **Containerization & Orchestration:** Docker, Docker Swarm, Kubernetes, ArgoCD,
- **Configuration Management & (IaC):** Ansible, Terraform.
- **Monitoring:** Prometheus, Grafana, SonarQube, Zabbix. Custom monitoring system builds.
- **Logs Management:** ELK Stack (Elasticsearch, Kafka, Zookeeper, Kibana Logstash).
- **Database Management:** Redis-Stack, MySQL, PostgreSQL, MongoDB.
- **Server Management:** IIS, Nginx, Apache, Tomcat, Wildfly.
- **Cloud Platforms:** Azure, GCP, AWS.

## EXPERIENCE:

**DevOps Engineer - APPINSNAP (PRIVATE) LIMITED | February 2023 – Present**

**Location: Islamabad, Pakistan**

- Managed Kubernetes clusters using ArgoCD, ensuring high availability and self-healing of applications, leading to 99.9% uptime.
- Designed and implemented CI/CD pipelines with Azure DevOps and Jenkins, reducing deployment times by 50% and increasing deployment frequency.
- Automated cloud infrastructure provisioning with Terraform, managing Azure resources using Infrastructure as Code (IaC), reducing manual provisioning by 80%.
- Integrated SonarQube into CI/CD pipelines, improving code quality by 30% and enforcing security standards across all stages.
- Spearheaded the migration of on-premises services to cloud environments, optimizing resource allocation and reducing costs by 25%.
- Collaborated with cross-functional teams to enhance system monitoring using Prometheus and Grafana, improving incident response time by 40%.
- Streamlined infrastructure management through the adoption of Ansible and Docker, reducing configuration drift and manual errors by 50%.

**DevOps and Cloud Native Trainee – Mature Resources Global Technologies Pvt. Ltd**

**September 2022 – February 2023 | Location: Karachi**

- Gained hands-on experience with containerization using Docker and container orchestration with Kubernetes, automating deployment and scaling for cloud-native applications.
- Developed CI/CD pipelines using Jenkins and Git, ensuring efficient and continuous delivery, improving release velocity by 40%.
- Leveraged SonarQube for code quality checks and integrated version control tools (GitHub, GitLab) to optimize collaborative development, streamlining team workflows and minimizing errors.

**Network Engineer - GEMNET Enterprise Solutions | April 2022 – September 2022**

**Location: Hyderabad, Pakistan**

- Configured and managed Layer 2/3 network devices, ensuring efficient traffic routing and reducing network.
- Troubleshot network outages and incidents, reducing downtime to under 1% and improving network reliability.
- Managed VPNs and firewalls to secure network, maintaining compliance with industry security standards.
- Network performance analysis and optimization, resulting in a 30% improvement in bandwidth utilization.

**Network Administrator - Network Edge Academy and Consultant | January 2019 - February 2022**  
**Location: Hyderabad, Sindh, Pakistan**

- Designed and implemented network security policies, reducing security incidents by 40%.
- Deployed and maintained firewalls, VPNs, and detection systems, ensuring a secure network environment.
- Conducted regular performance tuning and preventive maintenance on network hardware and software.
- Configured routers, switches, and access points, optimizing network traffic flow and reducing latency.
- Automated network monitoring using tools like Zabbix, improving incident response times.

**PROJECTS:**

**Zindigi App (JS Bank Money Transfer Application) - Fully Microservices Integrated**

- Architected a scalable, secure microservices system on Kubernetes with CI/CD automation using ArgoCD and Azure DevOps, cutting deployment time by 40%.
- Developed comprehensive monitoring and alerting with Grafana, Prometheus, and ELK Stack.
- Ensured high code quality and compliance through SonarQube integration in CI/CD, optimizing reliability across on-premises and cloud environments.

**LASPAY (Digital Payment System) - Fully Microservices Integrated**

- Architected a scalable microservices system on Kubernetes and Docker, optimizing resource allocation for financial transactions.
- Developed a CI/CD pipeline with Jenkins, achieving rapid deployments with over 95% success.
- Established comprehensive monitoring and logging with ELK, Prometheus, and Grafana, improving issue response by 50% and enhancing system stability.

**KPK eChallan (Provincial Traffic Fine Management System) - Monolithic Architecture**

- Managed and optimized a monolithic on-premises system running in the whole province by KPK traffic police, integrating CI/CD with Ansible automation to reduce release setup time by 30%.
- Developed a custom monitoring solution, combining ELK for log management with Grafana dashboards for application and resource-level metrics.

**ITP eChallan System (Islamabad Traffic Police) - Monolithic with Selective Microservices**

- Managed on-premises deployment of a primarily monolithic system with a custom CI/CD pipeline and transitioned select services to microservices, improving scalability and compatibility with legacy infrastructure.
- Built automated monitoring, alerting, and configuration solutions using ELK Stack, Prometheus, and Ansible to boost system performance, consistency, and response to incidents.

**AiGenix (Telematics Solutions for Regulators and Motor Insurers) - Hybrid Architecture**

- Developed an end-to-end monitoring and configuration system using ELK, Prometheus, Grafana, enhancing visibility, automation & with role-based access control across on-premises and cloud environments.
- Designed and architected a hybrid solution combining monolithic and microservices elements, optimizing resource usage, scalability, and stability through a custom CI/CD pipeline.

**EDUCATION:**

**Master's Degree in Communication Networks & Systems | Sindh Agriculture University -TandoJam | 2021 | First Division**

- **Research Work:** Wireless Power and Data Transfer Via mm-wave Simultaneously Using Beamforming Technology Through 5G Small Tower

**Bachelor's Degree in Information Technology (Hons) | Sindh Agriculture University -TandoJam | 2017 | First Division**

- **Final Year Project:** Central Library Management System