

WAQAR MURTAZA

DevOps Engineer

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PROFESSIONAL SUMMARY

To establish myself as a competent employee applying my skills effectively and efficiently to challenging tasks in a competitive yet motivating environment which provides me with adequate scope for learning, innovation leadership and growth hence proving myself as a valuable recourse for the company.

CERTIFICATIONS

- Google Cloud Certified Professional Cloud Architect. ([Verify](#))
- Google Cloud Certified Associate Cloud Engineer. ([Verify](#))
- Certified Kubernetes Administrator (CKA). ([Verify](#))

PROFESSIONAL EXPERIENCE

DevOps Engineer

January 2024 – Present

W4 Marketing meets IT

- End to end Design and deployment of Odoo v17 Enterprise Application on Google Cloud Platform.
- Used Cloudflare for DDoS protection of web applications.
- Configured Gateway resource in GKE for web application ingress to facilitate smooth traffic management.
- Deployed applications on Google Kubernetes Engine (GKE) using Helm for efficient management.
- GCP Artifact Registry for secure storage and management of Docker images.
- Deployment and management of Gitlab via Docker Compose.
- Implemented continuous integration and deployment (CI/CD) pipelines using Gitlab CI/CD.
- Setup of Gitlab runners to run CI / CD pipelines for different applications.
- Provisioned infrastructure in GCP using Terraform to automate and manage resources efficiently.
- Created and managed CloudSigma Compute machines for deploying various applications.
- Set up and configured Kubernetes clusters and droplets on DigitalOcean for scalable deployment.
- Implementation of Bareos for reliable backup and recovery solutions for virtual machines, ensuring data integrity and availability.
- Collaborated with cross-functional teams to reduce technical Debt and improve development and deployment workflows.
- Implemented monitoring of cloud-based applications and infrastructure using Prometheus and Grafana.
- Log centralization using Promtail and Loki in GKE cluster.

- Leveraged Google Cloud Platform (GCP) to design, deploy, and manage scalable and resilient cloud-native applications.
- Implemented Kubernetes (GKE) clusters and optimized resource utilization for efficient application delivery.
- Utilized Cloudflare DNS to enhance security, performance, and reliability of web applications.
- Streamlined application deployments and configuration management using Helm. Created reusable charts and defined templates to simplify the packaging and deployment of complex Kubernetes resources.
- Implemented continuous integration and deployment (CI/CD) pipelines using GitHub Actions.
- Automated workflows, testing, and deployment processes to improve development efficiency and ensure high-quality software delivery.
- Utilized Terraform as an infrastructure as code tool to provision and manage Google cloud resources.
- Defined infrastructure configurations to automate the setup and maintenance of cloud environments, enabling scalability and reproducibility.
- Collaborated with cross-functional teams to optimize development and deployment workflows.
- Implemented best practices for version control, code reviews, and release management to foster collaboration and ensure smooth project delivery.
- Conducted performance monitoring and optimization of cloud-based applications and infrastructure.
- Utilized monitoring tools and logs analysis to identify and resolve performance bottlenecks and ensure optimal system performance.

- Setup, maintain and manage on prem Kubernetes cluster with multiple live services running on it.
- Dockerfiles and Image creation of Applications to be used in Kubernetes
- Creation of Private docker registry to store Images of Company's Applications.
- Installation of Gitlab CE for code versioning / Source Code Management (SCM).
- Use Jenkins as CI / CD to automate deployment on Kubernetes.
- Provide support for Server migrations and VM configurations.
- Database management and Data Extraction using MYSQL.
- Automation of several operations using Bash Scripting on various VMs.
- Installation, configuration of Prometheus and Grafana to monitor kubernetes cluster and services deployed on it.
- Configuration of Nagios for Continuous monitoring.
- Responsible for troubleshooting and debugging L2, L3 issues once escalated by support team.
- Setup, Configure and manage IVR VAS Services of Telenor Pakistan, Jazz and Zong.
- Complete Asterisk configuration for conduction of VOIP service in IVR operations.
- Training of support team in order to prepare them for level one support.
- Presented multiple solutions to different customers.
- Interact with different departments within the organization to provide support to the customer.

Executive LDI

Orient Express LDI (Pvt) Ltd. Islamabad.

December 2019 – September 2020

- Monitoring Soft switch (Huawei SoftX3000) Alarms, Traffic, Trunk Utilization.
- Managing Three Gateways (Huawei UMG 8900) and three Nuera gateways.
- Installations & Maintenance of Linux based Servers.
- Configuration & Maintenance of Call Center Solutions (Cisco & ViciDial).

Management Trainee Office – LDI

Wi- Tribe Pakistan Ltd. Islamabad.

October 2018 – November 2019

- Generated E1 channel Utilization Half hourly Report.
- Reporting Bandwidth Utilization Bi-Hourly.
- Monitoring SoftX3000, UMG8900 , SBC2300 Alarms and KPIs.
- Management and Administration of Cisco & ViciDial Call Center Solution.

Executive Contact Center

Wi- Tribe Pakistan Ltd. Islamabad.

September 2017 – October 2018

- Presented front end support to the customer and provided on call resolution to the queries.
- Multitasking and efficient handling of pressure situations.
- Presented multiple solutions to different customers.
- Interact with different departments within the organization to provide support to the customer.

EDUCATIONAL BACKGROUND

HITEC University, Taxila Cantt.

BSc. Electrical Engineering (2013 – 2017)

FYP: MEMS Accelerometer Based Patient Monitoring Wheel Chair.

CGPA: 3.46

SKILLS AND TOOLS

- | | | | |
|--------------------------|----------------|------------|-------------------|
| • Google Cloud Platform | Kubernetes | Terraform | Digital Ocean |
| • Git / GitHub | Github Actions | Asterisk | Cloud Sigma |
| • Docker | Gitlab | Linux | Bareos |
| • Bash Scripting | NagIOS | Jenkins | Helm |
| • Prometheus and Grafana | MYSQL | Cloudflare | Promtail and Loki |
| • Docker Compose | | | |