

AHMED TARIQ

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CLOUD DEVOPS ENGINEER & MULTI-CLOUD CERTIFIED

Cloud Solution Architect & Development – Platform Engineering – Process Automation – Cloud Support

Solution-focused and highly meticulous cloud devops engineer with 3+ years of experience designing, and implementing cloud applications, focusing on groundbreaking solutions applicable in multifaceted environments. Instrumental in analyzing and redefining existing industry landscape by working on multi-disciplinary initiatives/projects and developing and executing organizational frameworks, standards, and processes to expand large-scale services and maximize customer experience at all levels. Recognized ability to integrate product/service development efforts by working side-by-side with diverse teams of engineers, developers, researchers, and other key stakeholders to lead end-to-end programs that resonate company's vision and long-term goals. Demonstrated success in adopting new technology to enable effective process management and driving resource allocation to alleviate prioritized infrastructure challenges. Adept at exercising high judgment to identify and overcome operational scalability, resilience, simplicity, and efficiency challenges.

SIGNATURE STRENGTHS & COMPETENCIES

Cloud Infrastructure • Cloud Operations Optimization • Cloud Development • Cloud Security • Cloud Computing
Cloud Cost Optimization • Serverless Architecture • Cloud Migration • Process Automation & Efficiency
Workflow Optimization • Container Orchestration • System Administration • Cross-functional Communications
Solution Architecture • Technical Leadership • Project Management • Technical Support • Troubleshooting
Goal & Standards Setting • Testing & Critical Problem-Solving • Performance Monitoring & Improvement

WORK EXPERIENCE & MILESTONES

DATICS AI – LAHORE, PAKISTAN

08/2022 – PRESENT

CLOUD DEVOPS ENGINEER

Implement cloud and DevOps methodologies to streamline deployment processes and enhance operational efficiency. Designing and implementing scalable and highly available infrastructure for various applications. Leveraging AI and LLMs to create innovative products that enhance user experience.

- Collaborate with cross-functional teams to identify infrastructure issues and optimize development workflows.
- Plan and execute migrations to Cloud while optimizing system performance & implementing cost-effective solutions.
- Manage infrastructure using Terraform, ensuring compliance with security & regulatory requirements.
- Design and deploy CI/CD pipelines using Jenkins & GitHub Actions for automated software delivery & deployment.
- Work with LLMs in Azure Open AI to develop efficient and intelligent chat bots.
- Implement MLOps practices to streamline machine learning workflows and improve efficiency.
- Build and maintain Docker containers for optimal deployment & orchestration. Automation of operations using Ansible.
- Monitoring and logging of resources using Prometheus, Grafana, and Loki to identify & troubleshoot performance issues.

SKIPQ – LAHORE, PAKISTAN

03/2022 – 08/2022

CLOUD DEVOPS TRAINEE

Demonstrated exceptional skills in developing robust and efficient web applications on the cloud. Designed scalable infrastructure solutions, creating detailed architecture diagrams for case studies. Conducted peer reviews of architectural designs, fostering a culture of knowledge sharing and continuous improvement.

- Designed a sophisticated multi-stage pipeline through CDK, incorporating Beta, Gamma, and Prod stages, facilitating efficient code deployment within a single region. Pioneered code review processes and established robust unit and integration tests, ensuring code quality before promoting to production.
- Created an AWS web-crawler using Lambda, triggered by defined rules to monitor website availability/latency. Websites fetched via S3 and stored in DynamoDB for quick access.
- Data updates streamed to CloudWatch via boto3. CloudWatch metrics and alarms ensured operational health. Set up API Gateway for CRUD operations on websites in DynamoDB.
- Built Docker-based API testing clients hosted on Elastic Container Service (ECS) and deployed through code Pipeline.

POPCORN STUDIO – LAHORE, PAKISTAN

04/2021 – 09/2021

JUNIOR CLOUD ENGINEER

Showcased proficiency in containerizing web applications and managed infrastructure deployment. Enhanced the security and compliance of cloud applications through effective management. Automated the deployment process, streamlined operations and increased the speed and reliability of deployments.

- Automating and Managing Google Cloud resources using Terraform.
- Creating and managing GCP IAM roles, Security policies, and Google Cloud Admin.
- Design and deploy DevOps pipelines CI/CD on GitLab.
- Managing containers and running Terraform, python, gcloud SDK in Docker.
- Scripting on native Linux and Windows Servers such as shell, bash.

EDUCATION**University of Management and Technology**

Lahore, Pakistan

Bachelor of Science in Computer Science

2018 - 2022

TECHNICAL ACUMEN

GitHub • Scripting • Python • PSQL • Linux • Windows • Git • Yaml • GitHub Actions • Azure DevOps • AWS DevOps
Jenkins • Docker • Kubernetes • AWS ECS • Terraform • AWS CDK • AWS SDK • AWS Cloudformation • Ansible
AWS SSM • Nginx • Apache • Networking • Prometheus • Grafana • NewRelic • Loki • ElasticSearch • Google Cloud
Amazon Web Services • Microsoft Azure • Azure OpenAI • Gen AI • LLMs • Azure SDK • MLOps • GitOps • Bash

CERTIFICATIONS**Microsoft Certified: DevOps Engineer Expert****Microsoft Certified: Azure Solutions Architect Expert****AWS Certified: Solutions Architect Associate****AWS Knowledge: Serverless****Google Cloud Certified: Associate Cloud Engineer****Multicloud Network Associate**