Abubakar Riaz

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Intro

I want to build platforms & processes that will outlive me. Hi, I am Abubakar Riaz, an Associate Cloud Architect at Tkxel & lead a team of 10 Azure cloud engineers. I have over 15 years of experience in the IT sector, mainly telecom, software, where I implemented CI/CD, orchestrated data marts, and automated business flows using various Microsoft tools & technologies. I hold more than 10 certifications in Azure and dotnet.

I am passionate about creating enterprise-level progressive web apps, improving web UI and UX, and designing microservice & SaaS based architectures for complex systems & improving digital presence. I frequently contribute to the LinkedIn community & my personal blog. I enjoy learning new skills, sharing my knowledge, and working on Home Lab & Raspberry Pi projects in my spare time.

Core Competencies: Azure, T-SQL, C# .NET, SSIS, ASP.Net Core, digital presence, work flow automation.

Professional Experience

Associate Cloud Architect @ Tkxel   Oct 2022 – ongoing (3.5 years)
www.tkxel.com, Tkxel LLC, Lahore, Pakistan, South Asia
- Roles: Site Reliability Engineer, Azure Cloud Architect,
- Led platform engineering initiatives covering CI/CD, IaC standards, and reusable cloud blueprints.
- Introduced chaos engineering practices to validate resilience, availability, and DR strategies.
- Provided architectural reviews, design approvals, and technical mentorship across teams.
- Integrated observability solutions with Open telemetry, Grafana, and Application Insights.
- Architected CI/CD pipelines with GitHub Actions, embedding automated testing and security scans.
- Defined Infrastructure as Code (IaC) strategy using Terraform & Bicep to standardize deployments.
- Tools & Technologies: GitHub Actions, Linux bash, Powershell, CosmosDb, Docker

Principal Software Engineer @ Jazz   Aug 2018 – Sep 2022 (4.2 years)
www.jazz.com.pk, Jazz Telecom, Lahore, Pakistan, South Asia
- Roles: Expert DevOps Engineer (11 mos), Expert Development & databases (1yr 10mos), Specialist Development & database (1yr 5 mos).
- Implemented CI/CD in development workflows using Azure DevOps Server.
- Orchestrated data marts using ELT for customer experience management teams.
- Reduced technical debt by refactoring code over TFS & documenting process flows.
- Instrumented applications & devised reports to Monitor VMs Health.
- Handled USSD protocol integration with RESTful ASP.Net web API.
- Delivered Mobile Location Protocol (MLP) integration for tracing customers' live locations.
- Tools & Technologies: Azure DevOps, C# 10, T-SQL, VS 2022, MS SQL Server 2019

Senior Data Engineer @ Jazz   Jan 2011 – Mar 2017 (6.3 years)
www.jazz.com.pk. Jazz Telecom, Lahore, Pakistan, South Asia
- Worked in SAT team (2.5 yrs), CMSA team (2yrs), FCSD team (1yr) AMA team (10 mo)
- Fostered ASP.NET Web services and enabled quality assurance of deployed software.
- Reinforced job scheduling, remote server management & disk space maintenance.
- Shaped & Developed QA of in-house CRMs using .NET code libraries with OOP.
- Unified organizational process automation through desktop & web applications.
- Monitored & enforced telecom services & credit rating checks using SQL server
- Tools & Technologies: Web service (ASMX), C#, T-SQL, VS 2015, SSIS, MS SQL Server 2016

Education

Master's in computer science (MCS)   2022 – Ongoing
www.vu.edu.pk, Virtual University of Pakistan, Lahore, PK
Concentrations: Object Oriented Programming, Software Development Life Cycle

Master's in commerce (B.COM Honors)   2006 - 2010
www.hcc.edu.pk, Hailey College of Commerce, Lahore, PK
Concentrations: Finance, Accountancy, Commerce

Intermediate   2004 - 2006
www.gcslahore.edu.pk, Government College of Science, Lahore, PK
Concentrations: Mathematics, Statistics, Economics

Certifications

- Microsoft Certified Solution Architect AZ-305 @ Microsoft
- Microsoft Certified DevOps Engineer Expert AZ-400 @ Microsoft
- Microsoft Certified Azure Developer AZ-204 @ Microsoft
- Microsoft Certified Azure Administrator AZ-104 @ Microsoft
- Microsoft Certified Trainer MCT 2026 @ Microsoft
- Hashicorp Certified Terraform Associate @ Hashicorp
- GitHub Certified Foundations & GitHub Actions @ GitHub
- Project Management @ Lahore University of Management Sciences – LUMS
- Certified SQL Server Professional @ EVS Institute, Lahore
- Certified .NET Specialist @ EVS Institute, Lahore

Honors & Awards

- The Promotion Award – Issued by Tkxel People Team · Mar 2026
- OWASP AI Security Award – Issued by OWASP Lahore · Feb 2026
- The Dream Team Award – Issued by Tkxel People Team · Jul 2025
- The Promotion Award – Issued by Tkxel People Team · Oct 2023
- Quarterly Divisional Champion Q1 2022 – Issued by Jazz People & Organization · Jul 2022
- Top Performer 2019 – Issued by Jazz People & Organization · Jan 2019
- On Spot recognition – Issued by Director Customer Relationship Management · Dec 2015
- Quality Effective Behavior – Issued by Vice President Customer Care · Aug 2013
- Quality Work – Issued by Vice President Customer Care · May 2012

Personal Particulars

- Marital status   Married
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