

# Muhammad Faisal

*Lead Cloud Architect | IT Infrastructure & Cloud Solutions*

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## Professional Summary

Result-oriented IT Infrastructure & Cloud Solutions Architect with **15+ years of experience** in designing, implementing, and managing enterprise-scale systems across on-premises and multi-cloud environments, including **AWS, Azure, and Oracle Cloud**. Proven expertise in infrastructure design, high availability, backup & recovery, and performance optimization. Skilled in leading cross-functional teams, driving cloud adoption, and enabling business continuity through resilient infrastructure solutions. I combine technical depth with project leadership to ensure IT solutions align with business goals while driving efficiency, security, and cost optimization.

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## Core Skills & Expertise

- **Cloud Platforms:** AWS (EC2, VPC, RDS, S3, IAM, Route 53, CloudWatch, CloudTrail, Elastic Beanstalk), Azure, Oracle Cloud, Office 365<sup>9</sup>.
  - **Infrastructure & OS:** RHEL, CentOS, Windows, Solaris, HP-UX.
  - **Automation & Monitoring:** Puppet, Zabbix, Splunk, ELK Stack, Nagios, Icinga.
  - **Backup & Recovery:** NetBackup, EMC Networker, AWS Glacier, HP Data Protector, Data Domain.
  - **High Availability:** Red Hat Cluster Suite, Veritas Cluster, Solaris Cluster.
  - **DevOps & Tools:** Docker, Jenkins, Apache Tomcat <sup>1414</sup>, JIRA, Confluence, Trello.
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## Professional Experience

### Perseus Group, Constellation Software

#### *Lead Cloud Architect | April 2021 – Present*

- Leading cloud architecture strategy and infrastructure operations for enterprise-scale systems.
- Driving cloud adoption and ensuring infrastructure solutions align with business continuity and cost optimization goals.
- **Azure Migration Leadership:** Spearheaded the end-to-end cloud migration strategy for **70+ diverse business units**, transitioning legacy on-premises workloads to Azure

### Telenor Global Services

#### *Cloud & IT Infrastructure Expert | November 2018 – April 2021*

- Assisted in designing, transitioning, and deploying applications on **AWS** using core services like EC2, ELB, S3, Route-53, IAM, RDS, Elastic Beanstalk, and VPC.
- Developed and implemented instrumentation for monitoring, fault detection, alerting, and automated/manual recovery.
- Designed and operated staging, Dev/QA environments to test application resiliency against infrastructure instabilities.
- Managed Disaster Recovery (DR) for infrastructure and applications.
- Automated configuration management using **Puppet** and monitored system events via Nagios and ELK.
- Built infrastructures for automated deployments of multi-container applications through **Docker**.
- Supported development teams with environment setups using Jenkins and Apache Tomcat.

### Telenor Pakistan

#### *IT Specialist | November 2015 – November 2018*

- Served as a key System Infrastructure Architect for a telecom giant with over 36 million subscribers.
- Collaborated with global partners (Accenture) on transforming IT infrastructure to a shared services model.

### **System Executive** | *May 2012 – November 2015*

- Managed operations for Linux/Solaris servers and backup domains.
- Performed capacity planning for servers and backups.
- Installed and configured clustered environments using RedHat, Veritas, and Sun Solaris.
- Implemented RedHat Cluster for High Availability (HA) and Distributed File Systems.

### **PakVista Technologies Pvt Ltd**

#### *System Engineer | September 2010 – May 2012*

- Provided system and network support for ongoing projects<sup>41</sup>.
- Researched and recommended network and data communication hardware and software.
- Customized and managed **Elastix/Asterisk VoIP** servers on dedicated and embedded devices.
- **Key Projects:** Railways Tracking System (Pakistan Railways), Digitization of OPS Rooms, and Security Camera/VoIP integration.

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### **Education**

**BSc Computer Engineering** <sup>45</sup>University of Engineering and Technology, Taxila (2006 – 2010)

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### **Certifications & Languages**

- **Certifications:** Cloud Architecture: Core Concepts <sup>47</sup>, LPI Linux Essentials, Oracle Solaris 11 Installation and Configuration Certified Implementation Specialist, Learning Nagios.
- **Languages:** English (Professional Working), Urdu (Full Professional).