



# ZUBAIR MOHAMMED

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A dynamic professional with 5 years of experience in Infrastructure engineer for Cloud (AWS) and Windows/Virtualization environment. Chronicled success of 12 years in spearheading IT Infrastructure Administration, Operations, leveraged capabilities in conceptualizing & implementing effective ideas / strategies which adds value to organization through inspiring leadership, rich experience & innovation excellence.

## Core Competencies

Operational Excellence  
IT Infrastructure Ops. & Mgt.

Network Infrastructure Monitoring  
Continuous Process Improvement

Disaster Recovery  
Continuous Process Improvement

Business Continuity Planning

Service Delivery Management  
Data Centre Set-up

Transition & Transformation  
New Set-up

SLA & KPI Optimization  
Escalations Management

Resource & Cost Optimization  
Team Set-up & Stabilization

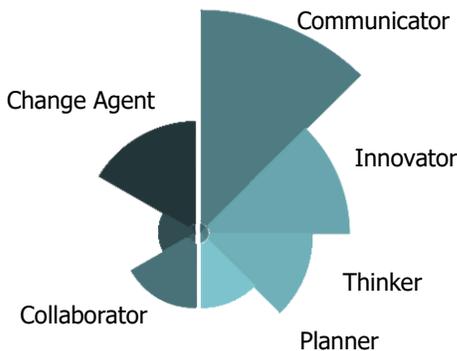
## Profile Summary

- ❖ **IT Technocrat** with professional experience in **Cloud solutions, IT Infrastructure, IT Support Operations, Customer Support, Service Delivery, Project Management, Data Centre Establishment, Migration/Upgradation.**
- ❖ **Expertise in planning & building cloud Infrastructure**, Amazon Web Services like EC2, EBS, ELB, RDS, VPC, IAM, S3, CloudFront, CloudWatch, SNS, ACM, SMS, SSM, AMI, Snapshots, Snowball, CloudTrail, AWS Auto Scaling
- ❖ **Implemented AWS** solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups. Configured Elastic Load Balancers with EC2 Auto scaling groups
- ❖ Configure VPC with subnets, security groups and NAT instances manually as well as with the VPC creator
- ❖ Rich experience in performing **Transitions & Transformations, Risk Management, Incident Management, Vulnerability Assessment, Reporting and Remediation**
- ❖ Developed efficient strategies to protect the system, **networking infrastructure, data, and information systems** against potential cyber risks; gave **professional suggestions and guidance to IT teams and managed data center build & migration projects**
- ❖ **Successfully managed:**
  - Deployed and monitored scalable infrastructure on Amazon web services (AWS) and configuration management
  - Designing and creating highly scalable, highly available, fault tolerant, highly secured, distributed infrastructure (IAAS) using AWS EC2 instances, EBS Snapshot, S3, Elastic Load Balancer, Auto Scaling, Cloud Watch, Cloud Formation, RDS, KMS, Lambda, Redshift, SNS etc.
  - Systems and IT infrastructure Administration, including Analyzing, Installing, and Maintaining Hardware and Software
  - Troubleshooting and Technical support abilities with Cloud Migrations, IT Infrastructure Maintenance, Security and Database applications

## Technical Skills

- ❖ AWS Administration
- ❖ Azure, Microsoft O365
- ❖ Pentest, Vulnerability Assessment

## Soft Skills



## Education

- ❖ B. Tech. (Computer Science and Engineering) from Jawaharlal Nehru Technological University – Hyderabad in 2009

## Work Experience

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### Since Dec 2015 Tihama, Jeddah, Makkah as AWS Cloud Architect/IT Infrastructure Manager

#### Key Result Areas:

- ❖ Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups
- ❖ Configured Elastic Load Balancers with EC2 Auto scaling groups
- ❖ Utilized Cloud watch to monitor resources such as EC2, CPU memory, Amazon to design high availability applications on AWS across availability zones. For monitoring multiple organization used Site24/7 to integrate monitoring different resources
- ❖ Design roles and groups for users and resources using AWS Identity Access Management (IAM) and managed network security using Security Groups, and IAM
- ❖ Configured Elastic Load Balancers with EC2 Auto scaling groups
- ❖ Utilize Amazon Glacier for archiving data
- ❖ Setup and attached EBS volumes to EC2 instances and managed security groups, VPC specific to environment
- ❖ Setup and managed backup and recovery using snapshot
- ❖ Created AMI images of critical EC2 instances as backup using AWS CLI and GUI.
- ❖ Created AWS Cloud formation templates on creating IAM Roles & total architecture deployment end to end (Creation of EC2 instances & its infrastructure)
- ❖ Cloud Front setup for Low latency for fast loading website/web contents experience
- ❖ Create and configure S3 bucket with required policy
- ❖ Creating Reserved DB instances, deploying reliable (HA) DB using Multi-AZs, Scalable Database using PIOPS and Read Replicas, Automated Backup and restore
- ❖ Involving, Implementing & consulting the databases migration activities into the cloud infrastructure
- ❖ Setting up VPC and troubleshoot in case of any issue, Experience in building complex solutions with Amazon Virtual Private Cloud (VPC) to Create VPC, Create Public and Private Subnets, Create Route Table, Create Internet Gateways, Create Elastic IPs, Security Groups and Network ACLs.
- ❖ Defined logical workflow and designed network diagram for AWS cloud.
- ❖ Designed Cloud Formation Templates to implement whole cloud infrastructures.

**Devising & implementing IT strategies and business plans** in line with the company's business plans, creating and implementing policies and procedures for all IT platforms

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### Mar 2012 - Dec 2015 with ARCOMA- Arabian Commercial Agency, Jeddah, Makkah as Network Engineer

#### Key Result Areas:

- ❖ Managed servers, PCs, Tablets, and networking equipment at corporate office and 2 manufacturing plants
- ❖ Upgraded network infrastructure from physical servers to VMWare environment with virtual servers
- ❖ Provided network support services for devices such as cisco manageable switches, routers, and other hardware
- ❖ Created VPN infrastructure for users, allowing for secure remote connections
- ❖ Designed new backup solution utilizing Symantec backup appliances for security and fault tolerance
- ❖ Configured DFS replication for remote servers to replicate data for backup

### Apr 2011 - Mar 2012 with Bugshan- Hospital, Jeddah, Makkah as Network Administrator

#### Key Result Areas:

- ❖ Planned, coordinated, and implemented network security measures; constructed & maintained Virtual Local Area Network (VLAN)
- ❖ Rewrote and updated group policy with new domain move and domain level raises
- ❖ Provided support for end users on OASIS hospital management system on various modules marketing department in establishing electronic marketing through web sites and social media
- ❖ Managed data backups and disaster recovery operations for 150-person company

### Feb 2010 - Jan 2011 with 3-Line Systems Pvt. Ltd., Hyderabad, Telangana as System Administrator

#### Key Result Areas:

- ❖ Designed proactive preventive maintenance schedules to prevent unnecessary downtime and hardware faults
- ❖ Established network specifications and analyzed workflow, access, information, and security requirements
- ❖ Installed and upgraded internal & third-party software; troubleshoot software remotely and onsite for 20 server sets

## Personal Details

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Date of Birth: 03-08-1988

Languages known: English, Urdu, Hindi, Telugu, Arabic.

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