

# FYZAL K ABU

## CLOUD ENGINEER

✉ [fyzal.abu@gmail.com](mailto:fyzal.abu@gmail.com)    ☎ +91-95-39155494    📞 +971-50-5014696    📍 Kerala, India    [in www.linkedin.com/in/fyzalk](https://www.linkedin.com/in/fyzalk)

### PROFILE

---

Highly accomplished Cloud Engineer with a dynamic skill set meticulously crafted for competitive markets. Demonstrates profound expertise in Amazon Web Services (AWS) and Microsoft Azure, showcasing a track record of designing, implementing, and optimizing scalable cloud infrastructures.

Possesses exceptional proficiency in harnessing the power of cutting-edge Infrastructure as Code (IaC) tools, including Terraform, Ansible, and Kubernetes, while unwaveringly adhering to industry standards. Proficient in scripting languages such as Python, Bash, and PowerShell. Committed to delivering impeccably reliable, cost-effective, and resilient cloud solutions, underpinned by a results-driven approach.

### SUMMARY OF EXPERIENCE

---

- Leverage extensive knowledge of Amazon VPC, Security Groups, AWS IAM roles, Managed Amazon Elastic Kubernetes Service (EKS), and Amazon Relational Database Service (RDS). Proficient in Terraform, Docker, and Ansible, ensuring end-to-end coverage of Infrastructure as Code (IaC) tools.
- Demonstrate proficiency in deploying cloud resources using IaC tools, streamlining configuration management through Ansible. Implement automation strategies to enhance efficiency and scalability in cloud resource provisioning.
- Ensure robust security and compliance in cloud environments by implementing industry best practices, access control, encryption, and privileged access management (PAM). Specialized in IAM, RBAC, storage/archiving, and disaster recovery solutions within Azure and AWS.
- Manage and administer Microsoft Azure cloud environments, designing and implementing highly available, multi-region solutions. Deliver reliable, cost-effective, and resilient cloud foundations/platforms, applying cloud governance best practices across multiple public clouds.
- Exhibit proficiency in Python, Linux, Bash/Shell scripting, and automation using IaC tools. Provide recommendations for adopting newer technologies, implement multi-year governance roadmaps, and mentor team members, showcasing a commitment to innovation and continuous improvement.

### TECHNICAL SKILLS

---

<b>OS &amp; Platforms</b>	Azure, AWS, Linux, Windows servers 2019, 2016, Office 365
<b>Tools</b>	Terraform, Ansible, Kubernetes, Docker, GIT, Github, Jenkins, CloudFormation, Cloud-Watch, Grafana, Prometheus
<b>Scripts</b>	Python, Bash, PowerShell, JSON, YAML
<b>Applications</b>	SCCM, Symantec Messaging Gateway, VMWare ESXi

### PROFESSIONAL EXPERIENCE

---

#### SAPCLE FZ

📍 Dubai, UAE

#### CLOUD ENGINEER

📅 April 2020 – Present

#### Responsibilities and Key Achievements:

- Collaborated with architecture teams to design and implement scalable and resilient cloud infrastructures on both AWS and Azure platforms. Engaged in continuous collaboration with cross-functional teams, including DevOps, Development, and IT, to support seamless application deployment and integration processes.
- Implemented cloud resources and services using Infrastructure as Code (IaC) tools such as Terraform for automated provisioning and management. Ensured efficient and automated deployment processes, optimizing resource utilization and reducing time-to-market.
- Implemented security best practices and industry standards to ensure the security and compliance of cloud environments. Managed access control, encryption, and identity and access management (IAM) on both Azure and AWS.
- Monitored and optimized cloud resources for performance and cost-effectiveness, including auto-scaling and resource utilization. Utilized monitoring tools like Prometheus, Grafana, and Azure monitoring solutions to proactively address performance issues.

- Responded to and resolved cloud-related incidents promptly, conducting root cause analysis to prevent future occurrences. Provided after-hours incident support as needed, ensuring the availability and reliability of cloud environments.
  - Implemented and maintained backup and disaster recovery strategies for data integrity and business continuity. Conducted operationally focused testing of cloud infrastructure, including disaster recovery scenarios.
  - Managed and administered both Microsoft Azure and AWS cloud environments, ensuring provisioning, configuration, and security. Provided admin on-call coverage for critical cloud systems, addressing technical escalations 24/7.
  - Designed, developed, and implemented highly available, multi-region solutions within Microsoft Azure. Collaborated with Azure DevOps to build CI/CD pipelines, deploying product updates and identifying production issues.
- 

## ADNOC

📍 Abu Dhabi, UAE

IT SYSTEMS ENGINEER

📅 October 2019 - May 2020

### Responsibilities and Key Achievements:

- I was hired to lead a migration project involving 30K workstations across multiple sites. I successfully managed the project by scheduling the migration work outside business hours, thereby ensuring no disruption to user operations.
  - Deployed and managed a wide range of virtual machines, storage solutions, and networking resources within the Azure environment.
  - Configured and managed Azure Active Directory, including user and group management, access policies, and identity and access management.
  - Monitored and optimized Azure resources to ensure high availability, performance, and scalability.
  - The following activities are included in the SCCM task sequence: backup user profiles and data using USMT, take a complete snapshot of the hard disk, format the workstation, and install a new OS image, Install all required applications for the user, copy the user's data back to their profile.
  - The whole migration method was tracked using power BI, and management was able to watch the live status for each stage as it occurred throughout the migration activity.
- 

## ETIHAD RAIL

📍 Abu Dhabi, UAE

IT SYSTEMS ENGINEER

📅 January 2019 – September 2019

### Responsibilities and Key Achievements:

- Deployed and managed virtual machines, storage solutions, and networking resources in Azure.
  - Provided technical support to users and stakeholders, troubleshooting issues and resolving problems related to Azure services.
  - Monitored and optimized Azure resources to ensure high availability, performance, and scalability.
  - Managed Symantec Messaging Gateway for the enterprise.
  - Administer and configure SCOM Servers, Customized management packs, Monitor, and fixed the alerts.
  - Accountable for testing and deploying software updates and security patches to MS windows servers.
  - Managed Symantec Endpoint Protection System.
  - Accomplished updating security patches before the given period.
- 

## AL SHAMAL SOLUTIONS LLC

📍 Abu Dhabi, UAE

SR. IT ADMINISTRATOR

📅 August 2012 – October 2018

### Responsibilities and Key Achievements:

- Plan and oversee technical design, implementation, and the highest level of help-desk management for mission-critical enterprise systems in three different UAE locations. Provide strategies and application administration while evaluating purchases for data center equipment.

- Determine users, clients, and business partners' requirements before developing configuration and network infrastructure execution plans in liaison with hardware and software vendors.
- Responsible for leading and managing the System Administrators team and governing the architecture, design, implementation, hosting, management, and enhancement of all IT Infrastructure and related services for Shamal Solutions, including on-premise data center and the cloud infrastructure as DR.
- Ensured seamless transition from exchange 2010 on-premise to Office 365 system with share point and Microsoft Lync with minimal downtime. Achieved IT operational objectives by maintaining the current system, evaluating, recommending, testing, and installing new technology for process improvements.
- Optimized availability, scalability, and security by successfully implementing a sufficient core network infrastructure, telephony, and windows environment.
- Protected essential components within the IT system and confirmed business continuity regarding technological Infrastructure with strategic backup and disaster recovery procedures.

---

## SPECTRE TRAINING & EVALUATION LLC

📍 Abu Dhabi, UAE

**IT SPECIALIST**

📅 July 2009 – July 2012

### Responsibilities and Key Achievements:

- Delivered and executed around-the-clock technical support to over 500 users while negotiating SLA, IT procurement, and system implementation with vendors.
- Addressed and resolved computer problems for clients concerning the use of computer hardware and software.
- Oversaw operations and configuration of MS exchange server, blackberry server, backend database (MS SQL), and related web servers.
- Improved data backup by implementing a backup and recovery solution with VM Ware, VPN, and scheduled replications to retrieve information and track equipment failure.
- Established exchange server communication between various SMTP security applications, controlled access permissions, and managed file server/Active Directory/DHCP/DNS.

---

## DA-DESK FZE

📍 Dubai, UAE

**IT/ NETWORK ADMINISTRATOR**

📅 April 2006 – June 2009

### Responsibilities and Key Achievements:

- Promoted an efficient and AD-integrated / DNS / DHCP/Trend Micro/Lotus Domino environment of 1800 users across 700+ workstations.
- Coordinated all aspects of activities associated with installations, configuration backup, and restoration for applications and Lotus Domino mails.
- Maintained database for all updates and connected IT department with cross-functional divisions as a technology point.
- Enabled smooth migration from MS Windows 2000 and Windows NT Server to MS Windows 2003 Server with a new domain name.

---

## CERTIFICATIONS

– Microsoft Certified Azure Solution Architect Expert – Microsoft Certified Azure Administrator – Microsoft Certified Solutions Expert (MCSE) – Certified Ethical Hacker (CEH) – ITIL V4

---

## EDUCATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY (BSC IT)  
Andhra University

📅 2003

GNIIT  
National Institute of Information Technology

📅 2000

---