FYZAL K ABU

CLOUD ENGINEER

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PROFILE

Cloud Engineer with strong expertise in Microsoft Azure and Amazon Web Services (AWS). Proficient in designing, deploying, and optimizing multi-cloud environments (AWS, Azure). Proficient in Infrastructure as Code (IaC) using Terraform and Kubernetes for automated provisioning and management of cloud infrastructure. Specialized in developing secure, scalable cloud solutions, focusing on high availability, disaster recovery, and cost-efficient cloud governance. Strong scripting capabilities in Python/Bash, with extensive experience in cloud security, automation, and performance optimization across various platforms.

SUMMARY OF EXPERIENCE

- Managed Azure Virtual Network (VNet), Amazon VPC, Security Groups, VPN Gateway, and ExpressRoute to design and implement secure, scalable network architectures. Achieved efficient resource management through peering and IAM roles.
- Administered Kubernetes achieving high availability for containerized applications. Managed Amazon RDS to ensure scalable and reliable database solutions.
- Implemented Terraform and Docker to deploy and manage cloud infrastructure, accomplishing consistent environments and reduced deployment times.
- Ensured robust security and compliance by implementing IAM, Role-Based Access Control (RBAC), encryption, and privileged access management (PAM). Specialized in disaster recovery planning and storage solutions within Azure and AWS.
- Administered Microsoft Azure and AWS environments, designing and implementing highly available solutions while achieving reliable, cost-effective cloud governance across multiple public clouds.
- Developed automation scripts in Python, Bash, and PowerShell, accomplishing optimized cloud operations. Provided recommendations for adopting new technologies, implemented multi-year governance roadmaps, and mentored team members, demonstrating a commitment to continuous improvement and innovation.

TECHNICAL SKILLS

Cloud Platforms	Microsoft Azure, Amazon Web Services (AWS)
Cloud Infrastructure Tools	Terraform, CloudFormation, Kubernetes, Docker, ARM, Bicep, Azure Monitor, AWS Security Hub, CloudWatch, Grafana, Prometheus, GitHub
Automation & Scripting	Python, Bash, PowerShell, JSON, YAML
OS & Servers	Azure, AWS, Linux, Windows servers 2019, 2016, Office 365
Other Technologies	SCCM, Symantec Messaging Gateway, VMWare ESXi, Disaster Recovery solutions

CERTIFICATIONS

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

PROFESSIONAL EXPERIENCE

SAPCLE FZ
📍 Dubai, UAE

CLOUD ENGINEER
📅 April 2020 – Present

Responsibilities and Key Achievements:

- Collaborated with architecture teams to design and implement scalable, resilient cloud solutions on AWS and Azure platforms, ensuring optimal performance for client infrastructures. Engaged with cross-functional teams, including DevOps and IT, to facilitate seamless deployment and integration of cloud services.
- Deployed cloud resources using Infrastructure as Code (IaC) tools like Terraform for automated provisioning and management, enhancing resource utilization and accelerating time-to-market for client projects.
- Established and enforced security best practices to ensure compliance across cloud environments, managing access control, encryption, and IAM on both Azure and AWS.

- Monitored and optimized cloud resources for performance and cost-effectiveness, utilizing tools like Prometheus, Grafana, and Azure Monitoring Solutions to proactively identify and resolve performance issues.
- Responded to and resolved cloud-related incidents efficiently, conducting root cause analyses to prevent future occurrences and providing after-hours support to maintain high availability.
- Developed and maintained backup and disaster recovery strategies, ensuring data integrity and business continuity for client solutions through operational testing.
- Managed and administered both Microsoft Azure and AWS environments, overseeing provisioning, configuration, and security while providing on-call coverage for critical cloud systems to address technical escalations 24/7.
- Designed and implemented highly available, multi-region solutions within Microsoft Azure, delivering robust cloud solutions tailored to client needs.

ADNOC
IT SYSTEMS ENGINEER

📍 Abu Dhabi, UAE
📅 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
IT SYSTEMS ENGINEER

📍 Abu Dhabi, UAE
📅 January 2019 – September 2019

Responsibilities and Key Achievements:

- Deployed and managed various virtual machines, storage solutions, and networking resources in Azure, ensuring they met operational requirements while optimizing resource allocation.
- Provided technical support to users and stakeholders, troubleshooting and resolving issues related to Azure services, documenting solutions, and ensuring minimal operational disruption.
- Monitored and optimized Azure resources for high availability and performance, implementing measures to improve efficiency and service reliability.
- Managed Symantec Messaging Gateway for the enterprise, ensuring security and reliable email communication across the organization.
- Administered and configured SCOM servers, customizing management packs and monitoring system alerts to maintain performance.
- Accountable for testing and deploying software updates and security patches within timelines to Windows servers, ensuring systems were up-to-date and secure.
- Managed the Symantec Endpoint Protection System, implementing policies and monitoring threats to protect enterprise endpoints.

AL SHAMAL SOLUTIONS LLC
SR. IT ADMINISTRATOR

📍 Abu Dhabi, UAE
📅 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.

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.

EDUCATION

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

📅 2003

GNIIT
National Institute of Information Technology

📅 2000