





### **Azure Cloud Solution Architect**

### **H. SHAIK JAHANGIR**

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# Azure cioua solution Architect

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### **Career Objective:**

Seeking a challenging position in IT domain where I can provide my knowledge and most of my skills are used for the smooth functioning of the Business in the Organization and provide a secure and reliable technology solution for the Organization.

### **Career Summary:**

- Self motivated Architect / Lead / Consultant / Admin with 13+ years of experience in system design, development, analysis, and implementation using Microsoft Technologies for enterprise applications.
- Azure experience Architecture and Implementation experience in Azure Infra, migrations, AVD with Autoscaling, Deep knowledge in azure Networking and Load Balancers, Devops and Building CI / CD pipeline.
- Enterprise-level experience Working with large teams and involved in architecture of highly scalable, secure, distributed applications, aligned with company standards, process, methodologies, and best practices.
- Provide technical guidance on building solutions using Azure PaaS, IAAS, SAAS.

## **Key Skills:**

- Azure Expertise: IaaS, PaaS, AVD, SAAS, VM Migrations, V-Net, App Services, Azure SQL, ASR, Azure Migrate, ExpressRoute, Azure storage, Load Balancers, VPN, Azure Containers, Kubernetes, Azure AD, ADDS, AD Connect, Azure Security center, Azure Defender, MFA, Log Analytics, ADF.
- DevOps: Git, GitHub, Bitbucket, Azure Repos, Jenkins, Ansible, Docker, Kubernetes, Maven, CI/CD Pipeline and Terraform.
- Scripting: PowerShell, JSON Templates, Terraform.

- Exchange 2003/2007/2010/2013/2016 administration Managing Exchange mailbox-enabled users and mail enabled users
- Microsoft: Active Directory, User Account Administration, Group policy, Domain security policy, ADFS, DNS, DHCP, DFS, Clustering, DAG.
- Network: TCP/IP (SMTP, POP3, DNS, DHCP) and LAN.
- Operating System: Windows 2000/2003/2008 R2, 2012 R2, 2016, 2019 and Linux
- Backup: NT Backup, Windows Backup, Veritas, Commvault, Azure recovery vault.
- Security: ISA Server, Symantec Endpoint protection11.0
- Monitoring Tool: Solarwinds Orion, NPM, SAM, IPAM, LEM and Zabbix.
- Ticketing tools: USD, Remedy, WHD and JIRA.
- Knowledge in Installation, Configuration and Managing Windows 2003/2008/2008-R2/2012 R2/2016/2019
- Knowledge in Installation, Configuring & Managing Microsoft Exchange server 2003/2007/2010/2013/2016
- Virtualization: VMware 5.5/6.0, vSphere, Hyper-V and VMM.

#### **Certifications:**

- Microsoft Certified Azure Solution Architect Expert.
- Microsoft Certified Azure Security Engineer Associate.
- Microsoft Certified Azure Virtual Desktop Specialty.
- Microsoft Certified Azure Administrator Associate.
- Microsoft Certified Solutions Associate -Windows Server 2012.
- Microsoft Certified Technology Specialist -Windows Server 2008.
- Microsoft certified systems engineer in Windows Server 2003.
- Completed GNIIT (System Engineering and Networking) in NIIT.
- Certified in ITIL Version 3.
- VMware Certified Professional 6 Data Center Virtualization.

### **Work Experience Details**

# 1.Tata Communications Ltd - October 2016 to Till Date

# **Role: Cloud Solution Architect (Azure)**

- Architecture and Implementation experience with medium to complex onprem to Azure migrations and hybrid infrastructures.
- Expertise in building Azure native enterprise applications and migrating applications from on-premises to Azure environments.
- Demonstrated ability to architect and deliver scalable enterprise solutions combining various Azure services.
- o Architected & Implemented Public Cloud Infrastructure in highly distributed environment based on Cloud Adoption Framework.
- Conducted current state assessment of infrastructure framework to identify gaps and recommend solutions. Leveraged assessment results to enhance existing framework and designed strategic solution for customers.
- Creating, validating and reviewing Solution and efforts estimate for data center migration to azure cloud environment Conducting Proof of Concepts for latest azure cloud-based services.

- Assist customers in simplifying the architecture by Automation tools using JSON Templates, PowerShell and Terraform.
- Deep familiarity with Azure Security Services [ Azure Active Directory, RBAC, Key Vault, ADFS]
- o Creating Azure Landing zone based up on Microsoft Cloud Adoption Framework.
- Architected and Implemented Azure Virtual Desktop for multiple customers during pandemic with Auto scaling options using Azure Logic Apps.
- Working knowledge of containers orchestration (Containers, Docker, Azure Kubernetes)
- Working knowledge in Software development practices like DevOps and CI/CD tool chains (i.e. Jenkins, Ansible, Azure DevOps, GitHub, Git, Azure Repos, Docker).
- Experience and understanding of large-scale application portfolios in enterprise-wide environments (including migration of on-premises workloads to the cloud)
- Developed key Deliverables, Process definition, best practices, user acceptance and success criteria, system integration, Solution Design Document, Low level diagram and DC-DR Migration workbooks.
- Providing Hands-On technical sessions to clients at their location about azure technologies and Implementation design.

### **Role: L3 Windows Implementation**

- Led migration of On-premises servers to Azure with ASR for multiple global business units.
- Designed and implementation Azure Networking Services: Virtual Network, Load Balancers, Application Gateway, VPN Gateway, Azure DNS, Traffic Manager, Express Route, NSG, VNET Peering and Route Tables.
- Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
- Configuring Azure Active Directory, Azure Active Directory B2C, AD Connect.
- Providing Level 3 support for Exchange and Windows (Active directory, DNS, DHCP) with multiple and cross forest domains.
- Designing, Implementing, and managing the messaging infrastructure with Exchange server 2013 and windows server 2016.
- Implementing Hyper-v on Windows 2012 R2 and 2016 with Hyper-v cluster.
- o Diagnosing the problem tickets and providing RCA for it.
- Managing Cisco Ironport email security appliance and Proofpoint essential for inbound and outbound of external emails.
- o Creating customize reports for Exchange and Windows server with PowerShell.
- o Performing regular health check up on whole Exchange Infrastructure.
- Implementing, Designing, and administering the Virtualization (Vmware and Hyper-V) with fault tolerance.

### 2. Solarwinds India Pvt Ltd - September 2014 to September 2016

**Role: Systems Engineer** 

- Designing, Implementing, Administrating Messaging infrastructure on Exchange Server 2010/2013 and Windows server 2012R2 with High availability.
- Providing Level 3 support for Exchange and Windows (Active directory, DNS, DHCP) with multiple and cross forest domains.
- Implementing and managing Cisco Ironport email security appliance for inbound and outbound of external emails.
- Implementing and managing the exchange transport rule, routing and mail flow rules in Exchange server and Iron port servers.
- Patching Exchange servers and domain controllers.
- Troubleshooting and analyzing the mail flow and routing issues at the client end and server end.
- Exchange Migration: Migrated mail servers from Exchange 2010 to 2013.
- o Migrated Windows server 2008 to 2012 R2 with high availability.
- Virtual machines deployment and administration on Hyper-V and VMware (Windows XP / 2003 / 2008 / 2008 R2 / 2012 / 2012 R2, Linux.
- o Diagnosing the problems and providing the solutions by writing RCA.
- Implementing and managing the monitoring solutions (Solarwinds Orion, NPM, SAM, IPAM, LEM, Ignite, VMan, UDT and Ipmonitor)
- Performing periodic backup of exchange, windows and Vmware systems through Commvault Backup solution.

## 3. Cognizant technology solutions - November 2012 to September 2014

## **Role: Senior System Executive**

- Administrating and managing Messaging infrastructure on Exchange Server 2007/2010 and Windows server 2003/2008 with High availability.
- Providing Level II support for Exchange and Windows (Active directory, DNS, DHCP) with multiple domains.
- Exchange Mailbox Migration: Migrated mailboxes from Exchange 2003 to 2010 server.
- o Implemented Front-end and Back-end Architecture for Exchange Server 2010 with DAG utilizing virtual machines.
- o Resolving technical issues for Microsoft Exchange 2003/2007/2010.
- Ensuring highest availability of mail servers and monitoring exchange message routing.
- Monitoring the exchange transaction logs, submission queues and Windows Event Logs.
- Maintaining and troubleshoot Blackberry Enterprise server 4.2 and Hand-held devices.
- Sending the reports to the management on daily, weekly and monthly basis based on client demands.

## 4. Computer science corporation (CSC) – August 2010 to November 2012

## **Role: Associate Engineer**

- Managing and Monitoring Microsoft Windows 2003/2008 servers.
- o Managing and Monitoring Microsoft Exchange 2003/2007/2010 servers.

- Monitoring Applications / URL / Servers /Network through Deep matrix IP monitoring tool and escalating the outage to particular vendor team and fixing the issue on time.
- o Creating / Disabling / Deleting domain User ID in Active Directory.
- Creating mailbox in Microsoft Exchange server 2003/2007/2010 and assigning the mailbox limit for the users.
- o Creating and modifying user account in Blackberry Enterprise server.
- o Handling Customer's Exchange server Mail Flow Issue, Server Down issues.
- Creating and allocating Citrix servers pools to the users.
- Troubleshooting Citrix problems.
- Giving Remote desktop support to end users through Dame Wares NT Utilities and Bomgar remote tool.

# 5. Hinduja global solution - September 2008 to August 2010

# **Role: System Administrator**

- Extensive day to day activity in Microsoft windows / 2000 / 2003 /2008 server system administration.
- Installation of operating systems in servers, desktops and laptops (Windows XP, vista, windows 7, server 2003/2008).
- o Creating / Disabling / Deleting domain User ID in Active Directory.
- Providing Hardware, Application, Operating System and Network support for the entire Infrastructure.
- o Configuring Network Printers and giving access to domain users.
- Taking daily backup in file server and restore files from DLT/LTO Ultrium tapes based on request from users.
- Assigning NTFS Permission to files and folders, Disk Quota, Volume shadow copy, DFS and sharing permission to resource.

### **Education:**

- B.sc.ISM with aggregate of 68% from, The New College, Madras University Chennai. (2005 – 2008)
- M.sc. IT with aggregate of 70 % from, Madras University Institute of Distance Education. (2010-2011)

#### Personal Details:

Name : H . Shaik Jahangir

Date of Birth : 21st July, 1986

Sex : Male
Nationality : Indian
Marital Status : Married
Passport No. : H4417503

Linguistic Proficiency: English, Tamil, Hindi & Urdu.