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Certified Senior Architect/Azure

Brief: Accomplished IT professional possessing 18+ years of experience in handling mission critical Infrastructure solutions-design & deployment Projects, Analyzing Business Requirements, Cloud Data-Migration and implementing robust storage Solutions utilizing hands-on expertise across several technologies which includes Microsoft Azure, Amazon AWS and IBM Cloud. Using Agile methodology in project development vis-à-vis Scrum framework.

Competencies include:

- Azure Solution Design and Architecture
- Infrastructure as Code (ARM, Terraform, Bicep, Powershell)
- Azure Security and Compliance (RBAC, NSGs, Azure AD)
- DevOps and CI/CD Pipelines (Azure DevOps, GitHub Actions, Gitlab)
- Cloud Migration Strategies (Lift-and-Shift, Refactor, Replatform)
- Hybrid Cloud and Multi-Cloud Integration
- Cost Optimization and Cloud Financial Management
- Stakeholder Communication and Team Leadership
- Disaster Recovery and High Availability Design
- Agile Project Management and Collaboration
- Azure Snowflake
- SonarQube

Experience Snapshot

Senior Architect, Persistent Systems

March2023–Till Date

BU: MS Cloud Practice BU

Outline: Azure Cloud Architect, Cloud Migration across regions

Project-1: AMAT, USA

Outline: Handling data migration for Azure cloud between US regions. Azure Security technologies – IAM, AKV, PIM, Firewall, DDoS protection, Azure Security center, Hybrid Networking. Automated application and DB migrations using Terraform.

Project-2: Domino's Pizza LLC, USA

Outline: Design and Deployment of Network Infra, Landing zone deployment, Application and heterogeneous data migration, IaC, TF, BCDR designing, Azure Devops (ADO) automation via Terraform

Project-3: DOH (Department of Health), Abu Dhabi

Outline: Implement IaC via Azure DevOps pipeline via Terraform over Self hosted agent (Linux), Deploy Azure Network, Firewall and Bastion along with planning and implementing Key Vaults with Disk encryption
Using Azure Snowflake to securely connects an Azure Blob Storage container to Snowflake, stages raw CSV files, loads them into a structured table, and transforms them using SQL

Azure Services:

- Azure Infrastructure Including Azure Stack HCI (Edge, Hub)
- Azure Kubernetes Service, Azure Networking including Hybrid Networking
- Experiences with Kubernetes cluster administration, such as deployment and management of resources and workloads.
- DevOps (Expert)] Terraform for automation purposes including DSC (Desired State Configuration)
- Azure DevOps (IaC & CaC) / GitLab / YAML (pipelines) / Azure Images
- ARM template development Windows Server 2016 up to Windows Server 2022
- Familiarity with integrating and managing Azure services on Azure Arc-enabled resources.
- Understanding of Azure Arc-enabled data services, including deployment and management on Kubernetes clusters.
- Experience with monitoring and troubleshooting tools for Azure Arc-enabled services and resolving related issues.

Project-4: Optum, USA

Outline: Configured and managed GitHub Actions pipelines to enable CI/CD for infrastructure provisioning, ensuring consistent and repeatable deployments across multiple environments (Dev, Test, Prod). Deployed and secured Azure infrastructure components, including Virtual Networks, Firewalls, Key Vaults, and Disk Encryption, to support data privacy and compliance with industry standards (e.g., GDPR, HIPAA). Integrated Azure Databricks and Azure Data Factory into the deployment pipeline to enable scalable ETL processes and data transformation for machine learning workloads. Collaborated with data scientists and ML engineers to ensure infrastructure met the performance and scalability requirements for large-scale data processing and model training. Integrating **SonarQube** with GitHub for automatic code quality and security scanning whenever code (PR) is created.

Azure Services:

- Azure Storage Account
- Azure Key Vault
- Azure Databricks
- Azure Data Factory
- Azure Vnet

Technical Solutions Architect, IBM India Pvt Ltd

March2016–Mar2023

Internal Responsibilities: IBM Storage Solutions Designing and Pre-Sales, Sizing, Creating configurations for PO, AWS and AZURE Solutions Designing & Migrations strategy.

Environments: iSeries, Open Systems, z-Series

Project: Global Market and ISA North

Outline: AWS Cloud, Azure Cloud [Ansible], IBM COS, IBM Storwize, Spectrum Family (SDS), Flash systems, DS8900F, Spectrum Fusion, ESS3500, TS4500, Sizing/Performance modeling

Responsibilities:

- Replying to customers following requests for information and proposal requests
- Cloud Solution Designer for IBM Cloud Private, Azure and AWS
- Presenting proposals to customers alongside members of the sales team
- Supporting Territory, Channels and Account Sales Plans Definition and Execution
- Being responsible for providing Functional and Technical solutions to new & existing corporate customers on Dynamic 365 Solutions
- Being responsible for actively driving and managing the pre-sales process with direct and channel customers

Senior Solution Specialist, Bluefin Corporation India Pvt Ltd

Sept2013–Jan2016

Internal Responsibilities: Heterogeneous Data Migrations, Microsoft StorSimple/Azure cloud POC

Project: Data Dynamics Inc. / Global Migrations

Outline: Azure & AWS cloud SME, Data Migration SME, Storage Technical lead (EMC VNX OE, EMC Isilon OneFS), Data Dynamics StorageX v7.6

DR Responsibilities:

- Provide ongoing feedback for risk management, mitigation, and prevention.
- Conduct audits, assess back-ups, GAP analysis, perform tests to make sure data can be retrieved.
- Establish and maintain detailed DR communications and command and control plans through a change management process.
- Assessing, developing, implementing, and sustaining Disaster Recovery and BIA plans and procedures
- Develop and understand all testing necessary for a successful DR execution.

Lead team as Program Manager for Heterogeneous Migrations

- Planning and designing the program and proactively monitoring its progress.
- Ensuring effective quality assurance and the overall integrity of the program
- Managing the program's budget and monitoring expenditure and costs
- Facilitating the appointment of individuals to project teams

Cloud Responsibilities:

- Creating AWS and Azure cloud solutions
- AWS Lambda and Azure Services/Functions
- Migration of Application and DB to cloud environment.
- Configuration of a new cloud network, Instances and Access control
- Setup of cross-region cloud infrastructure
- Establishing HA and DR solutions

Achievement: Migrated Cassandra DB to Aurora using AWS Lambda

Project/Program Manager, Mphasis India

May2013–Sept2013

Project: The Family Office

Outline: Leading deployment of CISCO Flexpod to the production environment and governing the team to coordinate against a common goal to set up the new DC as program manager

Responsibilities:

- Coordinated HyperV, Network and VOIP teams against a common goal of setting the Datacenter.
- Analyzed business requirement through constant interactions with the business team of TFO.
- Involved in the preparation of high level and low-level infrastructure designs, design document with use cases and implementation of client validations using Microsoft Visio.
- Creating SOPs, Handover document, Test Cases, CR process and Storage/Backup Policy documents.
- Implemented SAN Boot using UCS Manager in Flexpod storage solution to HyperV environment.
- Planning and configuring SAN provisioning over FCP and iSCSI.

Deployed

- Netapp storage SAN/NAS solution to business environment.
- Deploying Snapmirror with global DR site using SMTape
- SAN Boot for HyperV environment for server redundancy.
- NDMP Backup solution using Symantec Backup Exec2010R3.
- Configuring and Implementing Netapp 7MTT

Consultant-IMS, Infosys Technologies Ltd

Jan 2012 – May 2013

Project: Tokio Marine (Nile Takaful)

Outline: DC Infrastructure assessment and Solution - Architecture designing

- Making assessment report on Data Center Infrastructure.
- Preparing report on Gap analysis and configuration fixes.
- Preparing a report on recommendations for and assistance with technical team to implement the change.
- Assuring the successful implementation of changes recommended before signing up.

Environment: Netapp FAS3220 NAS/SAN, Win/UNIX server environment, Symantec BackupExec2010R3

Senior Specialist-Systems, HCL technologies Ltd

May 2008 –

Nov 2011

Project: AIGRS, Texas

Outline: Implementing environment changes over SAN and NAS. Provisioning storage to various business units classifying allocation over SAN/NAS based on its criticality.

Responsibilities:

- Managed and supervised offshore project teams to ensure smooth execution.
- Designed and implemented services-based architecture.
- Create the SOPs based on the Storage deployment in the environment.
- Automated reoccurring jobs using unix shell scripting.

Environment: Netapp FAS series, Symantec Netbackup, DFM, CISCO MDS SAN switch.

Project: SANDISK, California

Outline: Implementing environment changes over SAN and NAS. Provisioning storage to various business units classifying allocation over SAN/NAS based on its criticality. Configuring DR replication to a new DR site.

Responsibilities:

- Managed and supervised offshore project teams to ensure smooth execution.
- Did required changes on SOPs based on the changes done on the environment.
- Configuring DR replication from Milpitas to Sacramento
- Trained onsite team for product support.

Environment: Netapp FAS series, Symantec Netbackup, DFM, CISCO MDS SAN switch, Netapp VTL Nearstore

Carrier Growth



Technology Competency

- Cloud Technologies Microsoft Azure, Amazon AWS and IBM Cloud Gen2
- Azure Services Azure Devops, Docker, Terraform, Powershell, Azure CLI, BCDR, Key Vault, ADF, Kubernetes, GitHub, ARM, Stack HCI, VMSS, AVD, DDoS, IAM
- AWS Services IAM, VPC, S3, EC2, ECS, Kinesis, AWS Gateway, SQS, SNS, EBS, CloudFront, CloudFormation, RDS, DynamoDB, Application Services, EFS, Cloud Management Services, Amazon Systems Manager, Elastic Beanstalk, Amazon Macie, GuardDuty and many more
- Storage technologies IBM DS8900, IBM Flash Systems, IBM VTS, Spectrum family (SDS), Storwize (8.3.1), SVC, Flash Systems, DS8k v9.2, Netapp Storage, CISCO Flexpod, EMC VNX OE for File, EMC Isilon
- Migration tool Azure: Azure Devops pipelines using Terraform as a tool
Database Migration Service
App Migration Service
Azure Data Box, AZcopy, ADF
- AWS: AWS MAP, MGN
AWS Application Discovery Service
AWS Database Migration Service
CloudEndure (DR)
AWS Migration Hub/Service
Azure Databox
- Operating Systems: MS Windows 95/98/NT/2000/2008R2/2012, RH Linux, V-Center, Hyper-V
- Tools: Azure Boards, Azure Devops, Terraform, Bicep, Gitlab, GitHub
- Scripting Linux Shell, MS Powershell, Terraform, Bicep
- Standards & Protocols: FCP, iSCSI, CIFS/SMB, NFS, FCoE
- Application Packages: MS office Excel/Visio, MS Project, SQL server, Microsoft office 365 Intranet site,

certifications

- ITIL V3 (AXELOS)
- Certified Azure Solutions Architect Expert (AZ-305)
- AWS Certified Solutions Architect – Associate (SAA-C03)
- Azure - Designing and Implementing Microsoft DevOps Solutions (AZ-400)
- Microsoft Certified: Azure Administrator Associate (AZ-104)

Qualification

Bachelor of Engineering - Computer Science and Engineering (2006) - VTU, Karnataka, India

Personal Dossier

- **Date of Birth:** Jan 19, 1983
- **Languages known:** English, Hindi
- **Address:** Bangalore, India