



**Kishore Chowdary**

**Director - Cloudbever**

- Migrated workloads from traditional on-premises server to Azure with capacity planning
- Created development lifecycle that includes Azure DevOps for CI/CD pipelines for building, testing and releasing code
- Modernized traditional monolithic applications into micro-services architecture using Azure Kubernetes Service
- Implemented highly secure architecture using Azure Virtual Network and Virtual Network Gateway services of Microsoft Azure for Hybrid Architecture from on-prem to Azure.
- Created and executed project work plans and revises as appropriate to meet changing needs and requirements based in Service Continuity
- Consulted Microsoft on setting learning paths for their partners across the globe who are around 6000 in number.
- Consulted multiple batches of people on AZ 103, AZ 104, AZ 300, AZ 303, AZ 301, AZ 304, AZ 203, AZ 204, AZ 500, AZ 400, AI 100, AI 900, DP 300 certification training of Microsoft Azure with official certification content
- Determined the client's requirements, advising them how to use information technology in order to meet their business objectives / overcome problems or improve the structure and efficiency of IT system for moving to cloud
- Automation of Azure components and deployment of resources in multiple model environment of Azure for variety of clients
- Developed B2C solutions for certain business cases for authentication and authorization in applications with the help of Microsoft Graph API
- Migrated workloads from on-premises to Azure by discovering and assessing on-premises Hyper-V machines using Azure Migrate service



## SUMMARY

- 9 Years of Experience in Azure IAAS, PAAS and SAAS offerings.
- Deployed Virtual Machines in Azure and hosting workloads with highly available architecture.
- Hosted applications in Azure WebApp service with DevOps integration.
- Developed Chat bot integrated with Azure LUIS and Computer Vision API for an automobile industry.
- Ansible Playbooks and Chef Cookbooks to remediate servers on Compliance issues detected by Inspect.
- Docker swarm cluster deployment with multiple managers and workers with load balancer for container scale sets.
- Migrated the on-premises database to cloud using the SSM where the local database was migrated into Azure SQL database without using any private channels like VPN or express route.
- Designed and Developed IOT system for automation in industry for automating remote monitoring and performance reporting of the machineries.



## SPECIALITIES

- Virtual Machines
- Kubernetes Services
- Storage Account
- Service Fabric
- Webapps
- Virtual Networks and Virtual Private Network Gateways
- Event Hub and IoT Hub
- SQL Served DB and DB CosmosDB
- Azure Automation
- Azure Key Vault
- Azure Automation
- Logic Apps and Azure Functions



## WORK EXPERIENCE

### **Learning Path Preparation:**

Consulted Microsoft on setting learning paths for their partners across the globe who are around 5000 in number. It dealt with all the competency models of Microsoft Azure Cloud Platform.

### **AZ Certification Trainings:**

Consulted the associates of Etisalat on AZ 203, AZ 300 and AZ 301 certification tracks for official Microsoft Certification.

### **Infrastructure Consulting:**

Determined the client's requirements, advising them how to use information technology in order to meet their business objectives / overcome problems or improve the structure and efficiency of IT system.

### **Cloud Consulting:**

Identifying business and IT drivers for cloud strategies, defining a cloud roadmap and selecting the right services on Azure cloud platform.

### **Operational Efficiency:**

Helping organization in evaluating the current state to ensure right amount of resources have been used to deliver process and services.

### **Green IT Consulting:**

Helping organization to increase carbon savings and lessen operating costs by introducing a series of effective green IT initiatives and solutions in the workplace.

### **Data Center Management:**

Helping organizations to optimize their data center taking into account, server & storage consolidation, introduction of a standard based environment & implementation of best practices.

### **Project & Transition Management:**

Managing Projects, Transformation and Service Transition Program from the initial planning to the final delivery. Running IT Infrastructure projects that include technology upgrades, new infrastructure & facility, processes and applying innovations. ITIL & Lean IT based Processes and Procedures Develops and established/ refine processes and procedures for effective delivery of services/ projects.

### **Disaster Recovery & Business Continuity:**

Created and executed project work plans and revises as appropriate to meet changing needs and requirements based in Service Continuity.

### **Virtual Machines:**

Consulted Wipro for the virtual machines part in Microsoft Azure. This includes the different aspects and security feature security features that can be implemented using the NSG rules. In the two days of training, the topics like IIS server, VM disk caching, Load balancer, Traffic Manager were covered. Followed by the deployment of Linux virtual machines and hosting of NGINX server with load balancer was also consulted.



## WORK EXPERIENCE

### **Virtual Network:**

Consulted for HCL where the requirement was creation of private channels from on premises to cloud for the migration purpose. The VPN gateway deployment between local and virtual gateway followed by few methodologies through which the lift and shift process can be carried out safe and securely.

### **Event Hub and IoT Hub:**

Handled five days consulting for Honeywell International, Bangalore on Event Hub and IoT. This includes event hub creation, end to end broker messaging using event hub, pricing tier of event hub and IoT hub, architecture of IoT hub. Deployment was done with programming on IoT device with Python programming language and sending the telemetry data between different endpoints using event hub.

### **Azure IAAS:**

Consulted Parametric Technology Corporation Business, UK on Automating Microsoft Azure platform using all the service mode offerings from Azure. The core concepts in Azure that can host service, Automation of Azure components and deployment of resources in multiple model environment were covered.

### **WebApp:**

Deployment of azure webapps and hosting website into the app service was consulted for Microsoft Innovation Centers across India. It was also a Train The Trainers (TTT) program where many internal trainers have attended my session. The website hosting methods using FTP method via FileZilla, File explorer and Visual Studio was discussed. Followed by the same, continues integration and staging in app service was showed as a demo. The app service deployment in both windows and Linux environment was shown with appropriate demos.

### **Container Service:**

Docker swarm cluster deployment with multiple managers and workers with load balancer for container scale sets was consulted for Wipro. It included the Linux environment where the implementation of multiple workers to host applications and websites into the cluster swarm. This was followed along with scaling of scale sets of Linux instances and hosting services in new instances.

### **Azure Active Directory:**

Active directory implementation was consulted for HCL. It included the creation of service principle, IAM, creation of new user in the azure tenant, B2B integration, B2C integration by creation of new azure tenant. The security features like Multi-Factor authentication was also discussed in the demo part. Adding custom domains and making them as primary domain for the tenants was also done in here.

### **Kubernetes:**

Kubernetes deployment and management was consulted for Infosys. Deployment of containerized applications across multiple hosts and management of the same by automated scaling mechanism. The load balancing and networking part in Kubernetes was also a part of consulting with a pre-sale architecture planning for AKS.



## WORK EXPERIENCE

### **SQL Server:**

The SQL server deployment with database in azure was consulted for Accenture. Different redundancy types in azure along with their pricing tier and their type of data redundancy across the datacenters was explained. Redundancy in downtime of primary datacenter on a geographic redundancy type was shown by bringing the secondary datacenter to live with minimal downtime. An application using Python was also developed to store data in the database was also shown.

### **Puppet with Azure Virtual Machine:**

Automation of virtual machines using Puppet was handled for the associates of Infosys. The demo was deployment of both Linux and windows virtual machines in azure and adding puppet as VM extension and automation activities like scaling, patching and auto update features in an automated manner. A small scenario with a solution to tackle the same was shown as a demo to make the audience to understand the usage of puppet for implementing solutions for their industrial practices.

### **Azure AI and Data Platform:**

Consulting on Azure AI and Data platform was done for Microsoft India Development Center – Hyderabad and for Infosys – Bangalore. This consulting covered the major topics of Microsoft Azure Storage, Database, Hadoop and AI using Cognitive Services, Machine Learning Algorithms from Cortana Intelligence Gallery, etc.,

### **Microsoft Innovation Centers:**

Trained Research Scholars across India on various technologies of azure with both Windows and Linux products. The technologies which were trained are IoT, Universal Windows Applications and Xamarin.

### **Azure CLI:**

Handled induction training program in HCL, the deployment of azure resources like virtual machines, app services, SQL server and storage accounts using the PowerShell scripts as well as the NPM commands in node.js command prompt. The same was shown in the Cloud Shell for both PowerShell and Bash commands.

### **Logic Apps:**

Automation of activities like backup and patching of virtual machines were consulted for the Honeywell International Associates. This included the understanding of logic app designer and usage of templated available in logic apps repository. Designing and deploying own logic apps using Node.js was also shown as demo in here.

### **Data Migration:**

Consulted HCL for migrating the on-premises database to cloud. It was done using the SSM where the local database was migrated into Azure SQL database without using any private channels like VPN or express route.



## WORK EXPERIENCE

### Machine Learning:

Trained HCL on Machine learning using Azure ML Studio. The demo was usage of some available datasets of sales in the azure ML studio and training them. These trained datasets were used for the prediction of the forthcoming sales of products in the market. This gave an idea for the associates in there about working of machine learning. Here usage of R language to work with Machine Learning studio was explained.

### Azure Certification Track:

Trained more than thousands of people at Wipro, Infosys, HCL and Tech-M for the certification of Developing Microsoft Azure Solutions and Implementing Microsoft Azure Infrastructure Solutions.



## CONSULTED CLIENTS

- Microsoft
- Etisalat – Dubai
- ADDA
- Abu Dhabi Digital Authorities
- Emirates
- Dubai Airports
- Parametric Technology Corporation Business – UK
- Research Mission – UK
- AstraZeneca
- Accenture
- Deloitte
- Edureka
- HCL
- Honeywell International
- Infosys
- Microsoft India Development Center - Hyderabad
- Tech Mahindra
- Wipro
- VodafoneIdea – India
- UST Global
- TIAA - Boston



## CERTIFICATION TRAININGS THAT I DELIVER

- AZ 900 – Microsoft Azure Fundamentals
- AI 900 – Microsoft Azure AI Fundamentals
- AI 100 – Designing and Implementing an Azure AI Solution
- AZ 104 – Microsoft Azure Administrator
- AZ 204 – Microsoft Azure Developer
- AZ 303 – Microsoft Azure Architect Technologies
- AZ 304 – Microsoft Azure Architect Design
- AZ 400 – Designing and Implementing Microsoft DevOps Solutions
- AZ 500 – Microsoft Azure Security Technologies
- DP 300 – Administering Relational Databases in Microsoft Azure
- AZ 700 – Designing and Implementing Microsoft Networking Solutions



## CERTIFICATIONS THAT I HAVE DONE

- Microsoft Certified Trainer
- AZ 104 – Microsoft Azure Administrator
- AZ 204 – Microsoft Azure Developer
- AZ 303 – Microsoft Azure Architect Technologies
- AZ 304 – Microsoft Azure Architect Design
- AZ 500 – Microsoft Azure Security Technologies



## EDUCATION

B-Tech (First class with Honours) in Information Technology from Anna University.