SHUKRIYA SHARMA

Cloud Infra & Security

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CAREER SUMMARY:

Highly agnostic engineer with experience in Cloud, Cloud Networking & Security, Microsoft Azure, PowerShell, Terraform, Monitoring, and so on. Actively seeking a job where I can implement my skills to solve issues and contribute to the growth of the organization and at the same time satisfy my attribute of lifelong learning.

WORK EXPERIENCE:

Celebal Tech   **Azure Infra & Security Engineer**   **sept. 2021 -present**

- Working with on-premises open-source tools for developing and delivery the complete solution for any web application.
- Able to install and configuration of nginx load balancer in on-premises server or cloud to balance load of micro-services.
- Working with docker containerisation service.
- Implementing APISIX API gateway as a containerised service in Linux server.
- Working in RHEL/ubuntu Linux operating servers.
- Hands-on on terraform automation tool. Manage and lead automation team to work and deliver the complete solution to client on time.
- Using monitoring tool like log analytics workspace, azure monitor service, application insights to monitor logs, CPU consumption and cost analysis.
- Setting up alerts to optimise cost consumption and resources utilization.
- Setting up locks and tags to services or the resource group to prevent accidental deletion of resources or data loss.
- Working on azure open AI services, like azure bot service, azure app service, azure open AI service, cognitive service, etc.
- Actively manage and monitor cloud infrastructure on azure.
- Able to secure Hybrid Infra using Azure security center.
- Accessing data privately and publicly from the Hyper-V VM to azure using Azure Data Factory and
- providing security to other PaaS services by providing managed identities.
- Able to configure privately azure purview account with all best practices and establish connectivity with
- power BI.
- Setup Assessment and migration environment creating infrastructure which includes VNet, Subnet, NSG,
- NIC, VM, and some PaaS services for different dashboards.
- Able to provide security to azure services using secrets which stores in azure key vault.

- End to End support for their infrastructure setup.
- Any on-premises data source migration to Azure Storage.
- Integration of On-prem S2S tunnel.
- Setup environment of continuous integration and deployment (DevOps-ClCD) in Azure Data Factory.
- App registration setup, Enterprise Application for SSO integration of the Azure Active Directory.
- Able to configure privately various azure services like storage, synapse, Databricks, Logic Apps.
- Linux Troubleshooting for various use cases.
- Security Reports for an Azure Infra
- Deploy Kubernetes services including container registry and container instance.
- Working on networking & security in azure Kubernetes services.
- Able to Monitor Logs of azure PaaS services and monitor Virtual machine logs using tool. Analyze Cost management of azure subscription and creating alert rules for the same.
- Learning ongoing about Microsoft Al landing zone services with all the privacy and security aspects.

PROJECTS:

- I have done an **international pre-sale** which is based on based on SSO Integration with Azure AD.
- I have done on exploring about a **POC** for a **Switzerland client** which is based on Migrating FTP server to Az file share using file sync.
- I have contributed and done the **POC** which is based on the Migrating SQL server to power BI using on-premises data gateway.
- I have completed a **POC** which is based on Migrating their source on-prem database to azure power BI using a gateway with all security appliances of the Azure services.
- I have successfully completed the **project** for **India's largest paint company**. It is a DPI based Project which has 3 phases in all over Pan India. In this we migrate On-premised SAP data source to Power Bl using azure data factory where we use multiple PaaS services like storage account, azure Kubernetes services, Container registries, Container Instances, Machine learning for training the data, Key vault to provide security, and so on.
- I have completed another **project** for **India's largest paint company**. It is a Project includes Dev and Prod environment. Use case of this project is to migrate data from their on-premises SAP data source to Power Bl using ADF where we use different PaaS services like azure synapse analytics, Key vault, Storage account, and so on.
- I have delivered an **international project** where we Migrate data from D-365 or Coupa to Azure SQL DB using Data Factory.
- I have completed a **POC** from **India's leading telecom company** in which I have done Migrate data from on-premises SQL server to synapse dedicated SQL pool using Data Factory.
- I have completed a **project** for **India's largest paint company**. It was another engagement of Asian Paints where they want their data on power Bl. I managed to set up the connectivity to Power Bl on-premises Data Gateway to connect power Bl desktop to their on-premises Data source.
- I have done a **project** for **India's leading consumer products company.** It was a project with high networking and security aspects. The use case of this project is to migrate data from

their on-premises SAP data source to Power Bl using ADF includes different azure PaaS services like azure synapse analytics, azure data bricks, azure storage account, azure Key vault, azure monitor service, logic apps With Vnet integration, Automation scripts to automate services, and so on.

- I have completed a **project** for **India's largest paint company.** It is another engagement of the same where I need to set up the Infra Dev environment where we need to migrate their on-premises SAP data source to Power Bl using data factory including various PaaS services also register an Enterprise Application in Azure Active Directory to integrate Microsoft purview account with power Bl privately.
- I have completed two **projects** simultaneously for **India's largest paint company**. These two are different projects Of Asian paints. I have majorly work on these engagements are as support Infra engineer to troubleshoot technical errors and problems related to VDI and networking issues.
- I have delivered an **international project** for **Dubai client** which is based on an Open AI platform in which we have to integrate teams with the bot service and simplify the process of filtering out the data for employees.
- Currently I am **leading** a team for a **project** for **India's leading telecom company**. In which I have been working as a **solution architect** and providing solution to migrate their cloud to on-premises environment and setup and configure whole infrastructure with security best practices in RHEL on-premises environment.

EDUCATION:

2017-2021 | APJ Abdul Kalam Technical University
B.Tech (CSE)   7.6 CGPA

SKILLS:

- **Languages:** Terraform, PowerShell
- **Technology & Tools:** Microsoft Azure, Azure Active Directory, Azure Security Center, Azure Monitoring, Azure Infra Management, Azure DevOps CI/CD, Azure Kubernetes services. Azure Databricks, Azure Logic Apps, Azure storage services, Azure container services, Docker, managing micro-services, NGINX load balancer, APISIX API gateway, Azure Open-AI services, Azure Data Factory, Syslog monitoring, azure application insights, log analytics workspace, azure key vault.
- **Operating System:** Windows, ubuntu, RHEL- Linux

CERTIFICATIONS:

- Microsoft Azure Fundamentals (AZ-900)