Skills & Competencies

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| * Azure platform as service – (Azure App Services Azure Storage, Azure SQL, Azure function, Logic apps) * IaaS: (Servers, storage, networking, and virtualization) * SaaS: (Site Recovery, Azure Bastion, Azure Functions) * Infrastructure as Code (IA) tools (Terraform, PowerShell, Azure Resource Manager) * Cloud Governance (Management group, Azure policy, Role base access control) * Cloud adoption framework – (Azure landing zones for infrastructure and application) * Cloud-based monitoring and logging tools (Log analytics workspace, Resource diagnostics, Azure dashboard, NSG flow logs, Network watcher, Effective routes) | * Cloud cost management and optimization (Azure advisor, Start and stop nonproduction vm’s, Azure monitor, Azure resource graph) * Continuous Integration and Continuous Deployment (CI/CD) tools (Azure DevOps, DevOps policy and Build validation) * Networking and cloud-based VPNs (Private end points, load balancer (Regional &Global), Express route circuit, Virtual network gateway, virtual network peering) * Cloud-based backup and disaster recovery (Recovery service vault, Azure backup (VM&SQL) * On Prem/AWS Migrations – (Azure Migrate) * Cross-functional collaboration and communication * Research and evaluation of new cloud technologies * Containerization (Docker, Kubernetes) |

Professional Experience

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| **Azure Resource Deployment**   * Deployment of azure landing zones for multiples locations using cloud adoption framework and hub and spoke architecture. * Working with Microsoft azure cloud services and deploying the services through Terraform, PowerShell, Azure resource manager templates. * Responsible for the creation of technical architecture document, and Handover documents etc... * Creation of management group along with multiple custom and built in azure policies to secure the environments. * Create network resources planning and deployment for front door, Traffic manager, Application gateway, Load balancers, Network security groups. * Create azure PAAS resources with required components and configuration of the customs domains. * Creation and administration of azure firewalls along with route tables and vnet peering to manage traffic within Azure and on prem environments. * Migrations the on prem resources and perform the assessment for on prem infrastructure.     **CI/CD And IAC (infrastructure as Code)**   * Creation of Terraform modules for various azure (IAAS, PAAS, SAAS) services to be integrated with azure devops. * Responsible for using the best practice of Terraform standards and functions to create complex scripts. This can be use across environments and with internal practice. * Creation of Terraform/Arm templates and PowerShell scripts and functions to reuse the similar deployment with standard configurations and naming standards. * Defining the branch policies and build validation for devops governance. * Creation of service connection and principles and administrating security in azure devops. * Installation of different applications extensions in azure devops. * Creation of self-hosted agents in azure VM and VMSS |
| **Azure Governance**   * Configuring and managing the management groups for different environments and Subscriptions * Design and implement the azure custom policies for diagnostics settings for different azure resources. * Responsible for implementing the azure polices to secure the infrastructure and creation of policies initiative. * Create the custom azure RBAC roles to multiple scopes and review them in the timely manner so the principal of least privilege can be achieved . * Putting the budgets on azure subscriptions so resource usage can be achieved, * Review the spending invoice and analyze the spend from multiples teams and will suggest improvements. |
| **Azure Security**   * Enabling the azure defender for the azure services. * Controlling the inbound and outbound traffic from network security group and azure firewalls * Creating the firewall requests for infra and application side and get in implemented on the check point firewalls. * Responsible for handling the application and network side rules in azure firewalls. * Enabled the azure DDOS protection plan on the virtual networks * Creation of key vaults and integrated with different PAAS and IAAS services. * Create the SSL certificates and integrate with key vault same can be used in azure applications gateways. |
| **Azure Monitoring**   * Creation of centralized log analytics workspace so all the resource from different subscriptions. * Responsible for creation of the alerts, Actions Groups and assign them to multiples azure resources. * Create the alerts for different resource metric and activities. * Integrate service now with ITOM with multiples azure services. * Creation of multiples Kusto queries so it can be useful for troubleshooting. |
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| **Process and Practice work**   * Creation of change request for PRD and DR deployment and raise the service request for lower environments. * Working with a change team to bring the non-business impact services to come under standard change. * Joining the escalation calls from change team if any PIR raised. * knowledge transfer to BAU and internal teams for the hand over. |
| * Collecting the artifacts from different teams in the practice and keeping them in centralized repository. * Arranging the brown bag sessions and practice calls for multiple regions. |

Education & Certification

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| **Designing and Implementing Microsoft DevOps Solutions AZ-400**–ID B24GC9-D16FD2 Oct 5, 2024 |
| **Designing and Implementing Microsoft Azure Networking Solutions AZ-700 –** ID G657-2257, Jun 16, 2022 |
| **Microsoft Azure Administrator AZ-104–** ID A3418B-BH04CB, Jun 12, 2021 |
| **AWS Solutions Architect Associate –** ID Feb 17, 2020 |
| **ITIL V3 Certified (Foundation Certificate in IT Service Management) –** 4 October 2018 |
| **Bachelor of Technology (CSE) -** Batch of 2009 |

Service history

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| **Infra Technology Specialist** | Cognizant Technology Solutions | Aug 2021 – Present |
| **Azure DevOps Infra specialist** | Tata Consultancy Services | April 2017 - August 2021 |
| **Associate Software Engineer** | InterGlobe Technologies Pvt Ltd. | June 2014 - March 2017. |