DILEEP KUMAR BAMMIDI
(Cloud Reliability Analyst)

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TECHNICAL EXPERIENCE SUMMARY.

- Having 4 years of experience as a **Cloud Reliability Analyst.**

- Experienced in Microsoft Azure, AWS IaaS, PaaS and SaaS services, Applications deployed in Azure Virtual Machines have experience in Azure Resource Manager (ARM) templates for Automation using Power Shell and Azure Portal.

- Knowledge of various Cloud service models, including IaaS, PaaS, and SaaS and supporting deployment models, including Private, Public, and Hybrid cloud.

- Migrating On-prim virtual instances to public cloud Azure using Double migration tool. Migration Methods

- Using DMA/SSMA, BACPAC, DMS

- Migration using Lift/Shift Method, Azure Site Recovery

- Good understanding of Azure billing data / dashboard

- Uploading standard VM images\Custom images in Azure cloud.

- Hands on experience of managing Microsoft Azure Services via Azure Portal &Power Shell.

- Good understanding of Azure virtual networks, Subnets and CIDR consolidation.

- Working with operations team by configuring Application monitoring after release using Application Insights.

- Capturing an image of a Virtual Machine, Attaching a Disk to a Virtual Machine.

- Managing and creating Virtual Network and End Points in Azure Portal.

- Deploying VM's, Storage, Network and Affinity Group through Power Shell Script.

- Creating Storage Pool and Stripping of Disk for Azure Virtual Machines.

- Backup Configure and Restoring Azure Virtual Machine using Azure Backup.

- Taking Backup to cloud Storage Account using Cloudberry Cloud Storage Tools.

- Configuring Site to Site VPN Connectivity.

- Configuring Windows Fail over Cluster in Azure Cloud.

- Patching and Validating of Virtual Machine in Azure.

- Managing Virtual disk allocation as per the Client & Application requirement.

- Managing and monitoring Azure virtual machines.

- Using Azure Traffic Manager to manage request of Microsoft Azure services for distribution.

- Collaborating with infrastructure, development, test, QA and customer support teams.

- Responsible for implementing the branching strategy, creating baselines and releasing the code.

- Very good experience in Azure Backup, Azure data factory.

- Monitor builds and provide proactive support to resolve any build issues.

- Very good experience writing Power Shell scripts to manage Azure Infrastructure.

- Very good Hands on experience in writing ARM Templates.

- Very good experience with Azure SQL DB's.

- ➢ Knowledge of various CI-CD Pipelines using **Azure Devops & Jenkins**.
- ➢ Knowledge of various Configuration management using **Terraform** ,Monitoring tool using **Grafana ,24/7**
- ➢ Configuration of Site Recovery on Azure Cloud for various workloads
- ➢ Very good team player

EMPLOYMENT SUMMARY:

- ➢ worked with EPICOR, Bangalore as **Cloud Reliability Analyst** in Microsoft Azure (devops) Technology from 2020 to present.
- ➢ Previously worked with SVM technology, Hyderabad as Cloud engineer in Microsoft Azure & SQL DBA Technology's from 2017 to 2020.

EDUCATIONAL DETAILS:

- • Completed graduation from JNTU Kakinada University in 2017.

PROJECT EXPERINCE:

Client 3   **: EPICOR**
Role   : **Cloud Reliability Analyst**
Team Size   : 8

Roles Responsibilities:

- ➢ Creation and maintenance of new Azure VMs for new customers

- ➢ Creation and maintenance of new VMs for internal use.

- ➢ Monitoring of performance metrics for all sites using App Insights/App Dynamics, and following up if problems are found (Either by digging into the issue or by passing to support / dev teams).

- ➢ Ongoing performance tweaks to the SQL configurations.

- ➢ Making changes to the hosted (internal) and on premise (external) installation scripts when necessary.

- ➢ Maintain scripts used when restoring from these backups when customers need to rollback.

- ➢ Maintain/create a variety of other scripts that the SaaS Ops / Support teams use on a need basis.

- ➢ Building and maintaining Azure Devops Pipelines and DevOps pipelines as needed.

- ➢ License imports, Data fixes Customer End. Re-Generation Data models,   Cirus upgrades ,Db Refresh, On-Boarding new customer.

- ➢ Building CI/CD for repositories

Client 2   : **NTT Communications**
Role   : **Cloud Engineer**
Team Size   : 9

Roles Responsibilities:

➢ Configured Azure Virtual Networks (VNETs), subnets, Azure network settings, DNS settings, and security policies and routing.

➢ Reviewed workloads, system dependencies, business requirements and security requirements to optimize the Azure subscriptions, VNETs design, NSGs, routing, deployment model and resource groups.

➢ Designed choice architectures for IaaS VMs, PaaS role instances and SaaS applications appropriate for the workloads (operating systems, applications, and databases), transaction volumes, performance goals and security concerns.

➢ Experienced in Azure IaaS, Provisioning VM's, Virtual Hard disks, Virtual Networks, Reserved VIP, Sync on premises Active Directory users to azure using AD-CONNECT.

➢ Developed a migration approach to move workloads from On-Premises to Windows Azure or develop new cloud-ready application solutions.

➢ Responsible for Servers Health Check and performance monitoring for all the Window servers. Experienced in configuring Cloud platform such as Virtual Networks Multi- site, Cross-site, VMs, Azure AD, Load Balancers, Azure SQL, Cloud Services, etc.

➢ Implemented Azure OMS for monitoring applications and servers, Solution development for OMS Alerting.

➢ Integration of Azure Cloud with Azure Operations and Managements Suite.

➢ Creating Azure Backup vault and protecting required VMs to take the VM level backups.

➢ Experienced in Server Load Balancing and writing power-shell scripts.

➢ Experienced on creating Azure VM, Cloud Services and Storages by using Azure Power-Shell Script

➢ Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNETs and subnets.

Client1   : **Enfield Council**
Role   : **Associate Engineer**
Team Size   : 6

Roles Responsibilities:

➢ Configuring and managing Virtual Machines using Windows Azure portal.

➢ Configuring and monitoring Cloud services.

➢ Work on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines (their host nodes) and associated virtual storage (Blobs, Tables, Queues).

➢ Worked on ARM Templates.

➢ Written Power Shell scripts for Azure Environment. Experience in Deployment of Active Directory in a multi-domain, multi-forest environment.

➢ Configured Azure Virtual Networks (VNETS), subnets, Azure network settings, CDIR address blocks, DNS settings, security policies.

➢ Exposed Virtual machines and cloud services in the VNET to the Internet using Azure External Load Balancer.

➢ Configured PAAS services like App service, App service plan.

➢ Provided high availability for IAAS VMs and PAAS role instances for access from other services in the VNET with Azure Internal Load Balancer.

➢ Deploying WebPages into azure app services (PAAS) using File server.

➢ Implemented high availability with Azure Resource Manager deployment models.

- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
- Implementation and configuring of Azure backup.
- Setup Azure Virtual Appliances (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization and intrusion detections).
- Work closely with the program management / product group for info on new released features. Interact with principal owners of Microsoft proprietary enterprise products

PERSONAL DETAILS:

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(Dileep Kumar Bammidi)