Nishanth M

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PROFESSIONAL SUMMARY

Experienced IT professional with a strong background in Microsoft Azure and DevOps tools. Skilled in migrating and managing on-premises environments to the cloud. Interested in pursuing opportunities in cloud technologies and committed to working in high-standards environments. Proficient in middleware components such as MQ and IIB.

SKILLS

- Server Management
- Cloud Management
- Migration to Cloud
- Server Development
- Infrastructure Management

- System Administration
- Troubleshooting
- Technical Training
- Cloud-based Application Support
- Cloud-based environments

WORK HISTORY

AZURE CLOUD ADMINISTRATOR   *04/2022 to CURRENT*

L&T Construction limited | Chennai

- Developed and implemented ADF pipeline to collect data from API and Azure SQL DB, streamlining data collection and storage processes. Created and configured IoT Hub to collect data from devices and routed it to a designated storage account.
- Expertly managed Azure subscriptions and resource groups, ensuring optimal usage and organization.
- Implemented cost management and tagging strategies for Azure subscriptions to optimize resource allocation and budgeting.
- Created Azure alerts based on specific application team requirements for real-time monitoring and issue resolution.
- Expertly managed Azure SQL Server creation, VM creation, and access controls to meet the specific needs of organization.
- Implemented and managed Azure backup, PITR, and long-term retention policies to ensure data security and availability.
- Implemented and deployed an Azure Kubernetes Service (AKS) solution, resulting in streamlined application deployment processes and improved AKS backup management.
- Installed and configured software on Windows and Linux VM's to meet the specific needs of the organization.
- Expertise in Docker installation and management, providing support for various applications.

AZURE INFRA SUPPORT ENGINEER   *01/2021 to 04/2022*

DHL IT SERVICES | Chennai

- Developed, updated, and enforced Azure security standards and best practices across the organization's Azure domain, ensuring the protection of sensitive data and compliance with industry regulations.
- Built and maintained VMs and containers using Azure and Azure Kubernetes Services, streamlining infrastructure management and deployment.
- Created multiple reusable Terraform scripts for Azure PAAS and IAAS services, simplifying and automating the provisioning of resources.
- Developed a Logic App to connect third-party applications to the Azure gateway, enhancing integration and connectivity.
- Successfully completed the infrastructure setup for on-premises to Azure migration, ensuring a seamless transition of the organization's IT systems.

AZURE PLATFORM ENGINEER   *02/2017 to 01/2021*

TATA CONSULTANCY SERVICES | Chennai

Azure experience :
- Skilled in designing and deploying complex Microsoft Azure IaaS/PaaS solutions, with a strong understanding of best practices and industry standards.
- Proficient in Linux and Windows operating systems, with experience in configuring and managing various systems and applications.
- Skilled in planning, validating, and migrating VMware virtual machines to Azure using Azure Migrate, streamlining the migration process and minimizing disruptions to business operations.
- Expert knowledge in deploying VM Scale sets, Availability Zones, and Availability sets for high availability, ensuring that the organization's IT systems are always available and resilient.
- In-depth knowledge of Azure storage account, Blob storage, and containers, with experience in implementing cost-effective and highly available storage solutions.
- Proven ability in deploying and managing high-available and cost-optimized environments in Azure, utilizing best practices and industry standards to optimize resource allocation and budgeting.

DevOps experience :
- In-depth knowledge and understanding of containerization technologies including Containers, Docker, and Kubernetes clusters, with experience in deploying and managing containerized applications.
- Strong understanding of Software Development Life Cycle (SDLC) automation and experience in implementing automation strategies to improve the efficiency and effectiveness of the development process.
- Proficient in Jenkins pipelines, with experience in designing and implementing CI/CD pipelines to streamline the software development process and reduce errors.

MQ Experience:

- Expertise in establishing data communication and providing data transportation services within various systems using Enterprise Middleware Technologies.
- Experienced in working with Integration Services and implementing solutions to seamlessly connect different systems and applications.
- Skilled in implementing and supporting WebSphere MQ Series infrastructure, ensuring reliable and efficient message queuing and data transportation.
- Proven experience with WebSphere Message Broker, MQ Cluster, and other middleware technologies, with a strong understanding of best practices and industry standards.
- Committed to ensuring no impact to business operations at any circumstances by implementing robust disaster recovery and business continuity plans.
- Proven ability in designing, implementing, and maintaining middleware infrastructure, ensuring the reliability, scalability, and security of the organization's IT systems.

EDUCATION

Bachelor of Engineering | Electronics and Instrumentation Engineering   *04/2016*

M.Kumarasamy College of Engineering, Karur

CERTIFICATIONS

Azure administrator (AZ-104)

ADDITIONAL INFORMATION

- Azure/Cloud: Azure Automation,Azure Monitor, Azure App Insights, Azure VM,Azure Kubernetes service, Azure Logic app, Automation account,Runbook, Data factory , IOT HUB ,Azure data lake, Storage account, AKS ,.
- Database: MySQL, DB2 ,SQL DB, PostgreSQL.
- Web/Application Servers :Tomcat.
- Ticketing Tools: BMC Remedy,JIRA,GSN.
- Monitoring Tools: Splunk, ITM.
- DevOps Tools: Jenkins, Git-Hub,SVN.
- Collaboration: Confluence.
- Containers: Docker, Kubernetes.
- Scripting: Shell Script, PowerShell,Terraform , ARM template deployments.
- Operating System: Linux,Windows.
- Software Methodology: Waterfall, Agile Methodology, DevOps.