

Chandra Sekhar

Azure DevOps Engineer

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Career Objective:

To obtain the position of an **Azure DevOps** engineer in an organization where I can utilize my professional skills and experience towards personal and organizational Growth.

Professional Experience:

- Work with team and business units to understand future needs and requirements for cloud solution designs and implementations.
- Experience in Resource provisioning via **ARM Templates**.
- Experience in Resource provisioning via **Terraform**.
- Automate Cloud based deployments using **CI/CD** Pipelines.
- **Building Docker** container Clusters managed by Azure, Linux, Git, Docker.
- Takes care of creating **Docker images** and upload to ACR.
- Manage **Azure Container registry**.
- Design and **develop Kubernetes** clusters, applications.
- Experience in creating **Docker Containers** leveraging existing Linux Containers and AMI's in addition to creating **Docker Containers** from scratch.
- Virtualized the servers using **Docker** for the test environments and dev-environments needs, also configuration automation using **Docker** Containers.
- Monitor and **troubleshoot Kubernetes** clusters and applications.
- Manages **AKS** application upgrade/deployments from Azure DevOps Pipelines.
- Monitor Performance of Azure Kubernetes applications.
- Access management of Azure resources through Azure **RBAC**.
- Expertise in Azure monitor, **Azure Dashboards** and Log Analytics Workspace.
- Have knowledge in troubleshooting **Azure network** and network security including Vnet, Routing, NSG etc.
- Good understanding of Azure run books.
- Had good experience with Azure automation.
- Good understanding of Azure Security centers.
- Hands-on experience in Azure storage management & **Azure Storage Explorer**.
- Experience in managing **Azure recovery services** vault and Backup.

- Experience in **Azure Storage and Backup**, monitoring, and alert mechanism.
- Strong working knowledge of Incident/Request & Problem Management, also Change Management Processes.
- Good experience of working with multi-tenant environment and subscriptions.
- Provide support to **Client issues** including to ensure Problem Management is a mechanism that feeds continuous improvement.
- Deploying of **NAT gateway**, S2S Tunnels, Load Balancers and **Application Gateways**.
- Managing **Automation accounts** in Azure which consists of automation schedules.
- Performance & Health-check of the Resources.
- Handling day to day operational tasks and incidents related to Azure environment.
- Good Knowledge on Replication and Migration using **Azure Site Recovery**.
- Develop design documents and maintain **KB articles**. Involved in Data recovery drills conducted by various clients.
- Good Knowledge on trouble shooting issues of Azure resources like VM's Storage account's, VMSS, SQL databases etc.
- Providing technical solutions as per the client's requirements.
- Managing Automation accounts in Azure which consists of automation schedules.
- Providing proof of concepts for the client's requests wherever applicable.
- Having good hands on experience with Azure Monitor and Log-Analytics workspace.
- Analyzing the performance issues of the Virtual machines and provide technical resolutions to the clients.

Technical Skills:

DevOps Tools	Azure DevOps, GIT, TFS, ARM, Terraform, Kubernetes, Docker
Cloud Platforms	Microsoft Azure
Databases	Microsoft SQL Server 2008 R2, 2012
Scripting	PowerShell Scripting, ARM templates
Operating Systems	Windows Server 2008 R2 & 2012, Windows 10, 8.1,7

Project Name: - Cloud Migration

July 2021 – Till date.

Client: – Cognizant

Role: Azure DevOps Engineer

Responsibilities:

- Migration of on-premises VMs (Hyper-V & VMware) to Azure
- Responsible for managing CI/CD pipelines
- Set up CI pipelines with code quality tools, integrate test suites.
- Monitor nightly builds and help dev team if any pipelines failed
- Debug and trouble shoot NuGet package issues
- Takes care of debug & troubleshoot PowerShell scripts in pipelines
- Responsible to write PowerShell scripts for small tasks and integrate in pipelines
- Helps Dev/QA teams to schedule nightly deployments using Azure DevOps pipelines
- Responsible for providing access to source code repositories (TFS/GIT)
- Application infrastructure provisioning using Azure DevOps pipelines
- Good experience in creation and management of Azure IAAS services
- Good experience in creation and management of Azure PAAS services like WebApps, Function Apps, Storage accounts, Cosmos DB etc.
- Extensive knowledge in Azure VMs management
- Good experience in migration of on-premises virtual machines to Azure using Azure Site recovery vault.
- Configure V-net peering
- Configure Point to Site and Site to Site VPN.
- Create and Manage Azure SQL Databases and Azure Service bus.
- Configure OMS Dashboards to monitor and alerts managements of VM's, SQL DB's etc.
- Creation of PowerShell scripts and add as extensions while creating VMs.
- Adding Virtual Machine into Application Gateway, Load Balancer and Traffic Manager
- Managing Azure Role base access control roles.
- Configure OMS alerts for CPU Utilization, Memory Utilization etc.
- Evaluation Azure VMSS to auto scale up and down Azure VM workloads.
- Create Webapps for developers to do development work/
- Set up high availability of application using Load Balancer.
- Responsible for providing access to source code repositories (TFS/GIT)
- Responsible for taking VM backup and restore
- Takes care of debug & troubleshoot PowerShell scripts in pipelines
- Debug and trouble shoot NuGet package issues.

Project Name: - Cloud Migration

Jan 2019 – May 2021.

Role: Azure Admin

Responsibilities:

- Responsible for managing Windows servers
- Taking care of 100 + windows servers patching
- Managing Active directory users & groups
- Responsible for Desktop support
- Managing DNS Servers.
- Taking care of VM's updates and management.
- Responsible for adding Windows workstation machines to domain
- Responsible for creation of Azure storage account upon receiving request from various teams
- Responsible for creation of Azure subnets and provide access to it for different teams
- Create web apps for developers to do development work
- Provide read access of Azure subscription to users upon approvals from higher management
- Adding additional disks to Azure VM upon receiving request
- Scale up and scale down various services like Virtual machine, SQL Servers (DTUs)
- Configure OMS alerts for CPU utilization, Memory utilization, Logical disk free space etc.

Experience Summary:

- Worked as Azure DevOps Engineer in “Logic Square Pvt ltd” Pune From Jan 2019 to till date.

Academic Qualification:

- B. Tech in Electrical Electronics Engineering from Andhra University, Vishakhapatnam.

Declaration:

I hereby declare that all the above furnished information is true to the best of my knowledge and belief.

Chandra Sekhar