**VENKATESWARA YALAMANDALA**

**Azure Devops Engineer**

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# Career Objective:

Seeking a challenging career in an honored organization to grow professionally by strengthening my functional and technical skills, and earning good reputation with which I work, always keeping in mind the goals of the organization as the prime objective.

**Profile at a Glance (Azure DevOps &Windows, Vmware Admin):**

Azure DevOps (earlier known as VSTS), Build & Deployment automation, Continuous Integration & Continuous Delivery in Azure Environment. GIT branching and merging. Install and configure multiple private build agents. Manage team project collections, manage security using Azure Active Directory Group and configure team projects with CI, CD and Test.

ESXi, Windows Physical Servers, Windows VMs, Linux VMs Design & build. File & Print, Application, DB server’s cutovers and migrations from 2003/2008 to 2016/2019. Storage house keepings, RAID builds. Application and DB servers design and build.

# Expertise Summary:

* **3+ years** of **Relevant experience** in **Azure Devops** & **total 10+ years** of experience in IT Industry having an experience in Configuring, Implementing, and Deploying and Maintaining, provisioning the Infrastructure of Microsoft Azure services like IAAS and PAAS Activities.
* Building end to end server infrastructure including ESXi, Windows Physical Servers, Windows VMs, Linux Followed by RAID configurations.
* Handling end to end the server cutovers/migrations from 2003/2008 to 2016/2019
* Deployed multiple arm templates with Azure Dev Ops approach by enabling the CI/CD pipelines.
* Experience on Azure Dev Ops for Continuous Integration and Continuous Deployment.
* Have Work Experience with CI and CD using tools like Azure Dev Ops and usage of GIT, MSBUILD and Microsoft Azure.
* Knowledge on Terraform.
* Responsible for deploying the arm templates for deploying several components.
* Good experience in Managing Azure services and subscriptions using Azure portals and managed Azure resources using Azure Resource Manager.
* Ability to pick up new tools/projects quickly.
* Effective in working independently and collaboratively in team.
* Experience in Azure Storage planning, Designing, and implementing, Blobs, Queue, Files
* Azure Data Lake storage, Disk Storage, and files, Azure Storage for Back up.
* Experience in export and import data from storage accounts across Azure subscriptions and within same subscription.
* Configuring Point-to-Site vpn and Vnet Peering and Knowledge on Configuring Site -to-Site VPN.
* Configuring of Network Security Groups (NSG)
* Implementation and deployment of Availability set.
* Good understanding and experience of using Azure Active Directory.
* Implementation and deployment of Traffic manager and Load balancer
* Increase security and control over keys and password using Key Vaults.
* Responsible for creating build and release pipelines and configuring the Artifacts with the build pipeline.
* Updated bugs and user stories in Azure Dev Ops portal to reflect deployment information when pushing or releasing code and collecting them with other information into release notes.
* Experience in implementing images and disks and taking snapshots.
* Implementation of Auto scaling.
* Exposure in Power Shell scripting to automate many services management in azure.
* Working Knowledge on Azure Kubernetes Service.

# EXPERIENCE:

* Working as **Azure DevOps Engineer** **from** **FEB– 2019** to till date at TCS, Hyderabad.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Azure Expertise | Azure DevOps, Storage, Networking, Security, Virtual Machines  Physical Windows File server Builds, Refresh/Cutovers & Decommissioning processes. |
| Cloud Technologies | Microsoft Azure, Azure DevOps. |
| Scripting Language | PowerShell, ARM Templates, YAML, Terraform. |
| Version Control Tools | Git (Gitlab) |
| Monitoring Tools | Nagios, Nimsoft Manager. |
| Container Tools | Docker, Kubernetes |

**PROJECT PROFILE:**

Client : **DuPont**

Role : Assistant Consultant.

Duration : FEB-2019 to Till Date.

Technology : Microsoft Azure, Azure DevOps

**Highlights:**

**||Azure Devops|| || Windows / Linux Servers Design and Build || Windows Infra Operations || Servers Cutover / Migrations || Windows Admin || VMware Admin || Hyper-V|| Patch Management || Power Shell||**

**Roles and Responsibilities:**

* Creation of Azure NIC, Azure Virtual networks, Azure VM’s and provide access to users
* Working with Microsoft Azure Cloud Services and deploying the servers through Azure Resource Manager Templates or Azure Portal.
* VM deployments using portal and PowerShell.
* Responsible for creating Network Security Groups and add inbound rules.
* Write PowerShell and schedule to shutdown virtual machines during off business hours
* Create storage accounts for dev&QA teams for their application development and testing purpose
* Create ARM templates to reuse similar deployment with some standard configurations and naming conventions
* Evaluation Azure VMSS to auto scale up and scale down Azure VM workloads
* Create users in Azure AD from Portal as well as form Power Shell.
* Managing entire Azure infrastructure services
* Create web apps for developers to do development work
* Provide read access of Azure subscription to users upon approvals from higher management
* Preparing the recovery services vault and finalize the azure resources.
* Working with the application Owner for the Data assessment and Getting Approvals.
* Creating and working on the Change Request approval from the Stakeholders.
* Performing the cutover activities and post migrations step.
* Performing Failover, the application to azure.
* Capturing the failover VM & Deploying the New VM with an azure image, Adding Virtual machines to the active domain.
* Installing the azure VM Agents for integrating the Azure Backup services.
* Working on Respective Tags to the New Resources Created during the Cutover Tasks.
* Enabling and configuring the Backup policy on Virtual Machines.
* Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage, Azure Active Directory and Virtual Networks.
* Providing solutions to the Customers based on the requirements/service requests.
* Installing, upgrading, configuring, troubleshooting Windows Servers.
* Configuring storage account access, diagnostics & monitoring.
* Performing health checks on server for space and memory management, antivirus updates.

**Project Details:**

**Client : Global Atlantic Financial**

**Project : Windows Refresh Project.**

**Duration: NOV 2013 to FEB 2019**

**Highlights:**

**|| Windows / Linux Servers Design and Build || Windows Infra Operations || Servers Cutover /**

**Migrations || Windows Admin || VMware Admin || Hyper-V**

**|| Patch Management || Power Shell||**

**Roles and Responsibilities:**

* vCenter Operations
* ESXi, Windows Physical Servers, Windows VMs, Linux VMs Design & build
* ESXi Patching and upgrade
* File, Print, Application, DB server’s cutovers and migrations from 2003/2008 to 2016/2019.
* Storage house keepings, RAID builds
* TSD’s, SOP’s preparation
* Windows servers troubleshooting
* Application and DB servers design and build
* Servers Inventory and billing
* Windows Servers decommission
* Participated in RFCs
* Project Management
* Providing RCA to critical issues
* Automation to existing codes based on the requirement
* Project planning and preparing KT

**Key Result Areas:**

**Managing Windows 2003 and 2008 refresh project: As part of the project we need to refresh old Windows Servers to higher Windows version i.e., Windows 2016 and 2019 by creating new servers and then migrating the File, printers, Application, Databases etc. to new servers and once new servers are Go live, decommission the old servers.**

**Choice Software Limited, Hyderabad**

**As Systems Engineer (July 2011 till Nov 2013)**

**Highlights:**

* Responsible for identifying, monitoring, and responding to risk as well as managing compliance issues like User login issues, performance issues, Password Changing.
* Production Support
* Performing daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
* Prepare systems performance reports and analyze for potential issues. Provide status of systems health and escalate instabilities to responsible teams.
* Windows Patch Management
* Work on Ticket based issues.
* Monitoring and troubleshooting issues related to Server, Desktop, Backup and Antivirus.
* Providing folder/file access permissions as per the request of user on various Project Servers
* Various accounts creations for new Joiner. (e.g., AD Account ID etc.)
* Managing User Profiles, User Rights and Creating home folders for the users. User Disk Quota Management
* New user account creation, deletion, Password resetting & Account Lockouts in Active Directory.

**Academics:**

* **B. Tech (ECE)** from IFET College of Engg. Anna University**, Tamilnadu**.
* **Intermediate** from Narayana Educational Institution, **Nellore**.

**Declaration:**

Declare all the above information is Correct and true to the best of my knowledge.