

# AZURE DEVOPS ENGINEERING

CHAVALIBANAVATH

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## CARRER OBJECTIVES:

To work in challenging environment that gives me a chance to polish my Technical and interpersonal skills to achieve the organizational goals this in turn fetch me a successful career.

## PROFILE SUMMARY:

- Understanding Azure DEVOPS Application Tool, Creating Azure Boards, Repos and Branches, Creating Release Pipelines and Deploy Infrastructure.
- Experience in working with version control system like GIT.
- Implementing and Managing Azure VMs, Virtual Networks, Configuring Virtual Network Connectivity, Configuring Subnets, Region Peering, Global Peering, Deploy Vnet.

Understanding and Configuring Network Security Groups, Creating and Updating Inbound and Outbound Security Rules, Creating NSG ..

- .Planning and Implementing Azure Storage.
- Configure and Manage Azure Backup and Disaster Recovery Services .
- Planning and Implementing Azure APP Services.
- Implementing Azure Active Directory.
- Implementing Azure Based Management and Automation.
- Designing and Developing Apps for Containers.
- Configure Diagnostics, Monitoring, and Analytics.

## EDUCATION QUALIFICATION :

**B .Tech in Electronic & Communication Engineering from M.V.S.R ENGINEERING college  
Osmania university Hyderabad in year 2014**

## WORK EXPERIENCE:

Having 4.7 Years Experience in ASPION TECHNOLOGIES PVT.LTD. in Bengaluru

## TECHNICAL SKILLS :

Operating system : Windows 2008/2012/2016/2019 Server.

Domain and Technologies : Azure Admin, Azure DevOps, Arm Templates,

Azure IAAS.

Scripting : Power Shell,YAML.

Tools : GIT, Azure VSTS, , Docker.  
Terraform, ARM templates

Basic Knowledge : Networking, .

## **PROJECT EXPERIENCE :**

### PROJECT 3 :

CLIENT : SITEXPRO [ March 2020 – sep 24 2021]

#### **ROLES AND RESPONSIBILITIES:**

- Worked on various Azure services like Compute (Web Roles, Worker Roles), Azure Websites, Storage, Network services, Azure Active Directory, , Scheduling, Auto Scaling, and PowerShell Automation.
- Identifying opportunities to improve infrastructure that effectively and efficiently utilizes the Microsoft Azure Windows server 2008/2012/R2, Microsoft SQL Server, Microsoft Visual Studio, Windows PowerShell, Cloud infrastructure.
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- Deployed Azure IaaS virtual machines (VMs) and Cloud services into secure V Nets and subnets.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.
- Provided high availability for IaaS VMs .
- Tested and Deployed existing security patches via Microsoft Intune for workstations. Script, python and java debug and automate PowerShell scripts to reduce manual administration tasks and cloud deployments.
- Manage hosting plans for Azure Infrastructure, implementing & deploying workloads on Azure virtual machines (VMs), Design and implement VM storage & a good understanding of implementing images/disks.
- Created users and groups using IAM and assigned individual policies to each group.
- Creating Azure Backup vault and protecting required VMs to take the VM level backups Managed internal deployments of monitoring and alarm services for the Azure Infrastructure (OMS).
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- Work closely with other engineers to deliver on time and above expectations Thorough understanding of server and network protocols and technologies i.e. , TCP/IP, NTP, etc.
- Experience with large-scale physical & virtual infrastructure deployments.
- Design and develop solutions using Microsoft Azure IaaS resources such as, IoT Hub, Event Hub, Stream Analytics, Document DB, app services, service bus, distributed cache.

Work with the Security team for verifying connectivity within the workload subscriptions and between other on-prem domains and Azure cloud.

- Collecting data from Azure Resources using Log Analytics and stored in the Azure storage and analyze the data to resolve issues.
- Hands-on experience in CI/CD and Deployment through Azure DevOps.
- Understanding Azure DEVOPS Application Tool, Creating AZURE Boards, Repos and Branches, install 3rd Party Plugins, Creating Release Pipelines and Deploy Infrastructure.
- Create and Execute Azure Functions, Logic Apps, and Azure API Management

### **Project 3**

**Project name : Sydney trains**

**Since 1.7year experience in HCL Technology**

**[2021 24 SEP to PRESENT]**

**Designation**

**Technical Specialist as azure Devops engineer**

- VM provisioning and azure and aws patch management
- Build using terraform
  - CI/CD and Deployment through Azure DevOps
  - Automation pipeline for AWS resources for diff accounts
  - EC2 launch automation through arm templates
  - Implementing and Managing AzureVMs, Virtual Networks, Configuring Virtual Network connectivity
  - Configuring Subnets, Region Peering, Global Peering, Deploy Vnet.

Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.

- Implementing Azure Based Management and Automation

## PROJECT 2 .:

CLIENT : STARTERS [ Sep 2018 – Feb-2020 ]

## PROJECT 1:

CLIENT : TITLE POINT [ Jan 2017 - Aug 2018 ]

### **ROLES AND RESPONSIBILITIES:**

- Creating branches, merging using GIT.
- Maintain track of different releases that are being carried over in different environments.
- Automate the build Process
- Worked on Microsoft Azure (Public) Cloud to provide IaaS support to clients.
- Created Virtual Machines through Power Shell Script and Azure Portal.
- Manage and Create Storage Account and Affinity Group in Azure Portal.
- Captured images of VM, attached disks to VMs.
- Manage and create Virtual Network and End Points in Azure Portal.
- Deploying VM & Storage, Network, and Affinity Group through PowerShell Script. Designed and configured Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, and Security policies and routing.
- Deployed Azure IaaS VM and Cloud services () into secure VNets and subnets.
- Designed VNets and subscriptions to confirm Azure Network Limits.
- Configured VNETs and subnets as per the project requirement
- Implemented high availability with both Azure Classic and ARM deployment models. Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.

- Configured private and public-facing Azure load balancers etc.

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**DECLARATION:**

I, hereby declare that all the details furnished above are true to the best of my knowledge.

**(BANAVATH CHAVALI)**