BANDRU SHIVA KUMAR

Email:

Mobile:

# CAREER OBJECTIVE

To obtain the position of an Devops Engineer in an organization where I can utilize my professional skills and experience towards personal and organizational growth.

**PROFESSIONAL SUMMARY**

* Possess overall 2 years of experience as an Devops Engineer. Experience in IAAS, PAAS services. Proven ability to successfully analyze an organization cloud migration, managing both classic & ARM portal, effectively use Power Shell to manage Azure services, troubleshooting access related issues, Azure services involving in software design and implementation of various Client Server applications.
* Experience in Power Shell scripting for automation of technical activities.
* Good understanding in Azure networking, Storage, VM provisioning, ASR, RBAC, NSG, Automation, Monitoring, OMS, AZ Copy, AD, Application Insights, Azure Roles, ARMetc.
* 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).
* Experience in Deployment of Active Directory in a multi-domain, multi-forest environment.
* Having Expertise knowledge in configuring the Site-to-Site and Point-to-Site VPN connections.
* Hands experience on Azure automation by creating Run books and scheduling jobs.
* Working experience in Git, GitHub, VSTS, ARM Templates, JIRA.
* Configured Azure Virtual Networks (VNets), subnets, Azure network settings, CDIR address blocks, DNS settings, security policies.
* Setup Azure Virtual Appliances (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization and intrusion detections).
* Exposed Virtual machines and cloud services in the VNets to the Internet using Azure External Load Balancer.
* Extensive experience in Power Shell scripting to automate many services management in Azure.
* Providing 24x7 Azure devops technical support to the Microsoft Azure Customers
  + Interacting with the customers directly through call to provide technical support for Azure identity tickets.
  + 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.
  + Expertise in Blob storage and File storage.
  + Configured PaaS services like App service, App service plan.
  + Exposure to SDLC Activities like Agile methodology.
  + Hands on Replication services LRS, GRS.
  + Work for deploying the Terraform templates using Azure devops.

**Technical Skills:-**

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| --- | --- |
| **Skill** | **Experienced** |
| **Cloud Platforms** | Microsoft Azure |
| **Tools** | Azure Storage Explorer,Visual  Studio, Azure Automation, Azure Active Directory, Application Insights, VSTS, Azure OMS, GitHub, IIS, Sql Server, MySQL, Service Bus, Azure Roles, ARM  Templates, Azure Storage, Buddy Build, Service Now, Terraform |
| **DevOps Tools** | Git, Jenkins, Jira, IIS, Jenkins, Kubernetes, Docker |
| **Scripting Languages** | Power Shell |
| **Database** | SQL Server, MySQL |

**EXPERIENCESUMMARY**

* Working as a Microsoft Azure Administrator Engineer for Capgemini, Bangalore from Dec 2016 to Till Date.

**EDUCATIONAL CREDENTIALS**

**M.C.A** from **Geethanjali** institute of **PG** studies college**,** AP**.**

**Project 1: General Electric** (GE Power and Water).

**ROLE:** Azure Administrator Engineer May 2019 -Till date

**Description:**

General Electric Company is one of the power Generation and selling company in world. In GE Power project we are maintaining turbine running hours, shutdown hours, peak time etc. once processing data from historian tables that data import from Through Talend job load in database. My fleet having several many vendors across world so based on their need they shall be use the power from GE Power station. once user receiving the power then we are made bill to vendor based on their terms and conditions, internal charges during the generation of powers, based on daily update foreign exchange rate and geographical area. Here, My fleet application is working as interface between vendor and power generator. Both of having access to application and providing facilitate approved and unapproved bills of power utilize hours.

**Roles and Responsibilities:**

* Hands-on experience in VM deployments using portal and PowerShell
* Responsible for creating Network Security Groups and add inbound rules for various ports like RDP(3389), PS remoting (5986), Custom ports (8081,9200) to allow access only from private network address prefix to provide utmost security
* 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 PowerShell script to manage multiple subscriptions in Classic portal using publish settings file
* Create users in Azure AD from Portal as well as form Power Shell
* Migration of on-premises vms (Hyper-V & VMware) to Azure
* Migration of Azure vms from Classic portal to ARM portal
* Migration of IAAS services like virtual network, network interface etc
* Adding addition disks to Azure VM upon receiving request
* Scale up and scale down various services like VMs, SQL Servers (DTUs).
* Creation of Azure NIC, Azure Virtual networks, Azure VM’s and provide access users
* Managing entire Azure infrastructure services
* Worked on Azure services involving in software design and implementation of various Client Server applications with MS-SQL Server 2005, 2008, Microsoft Azure, My Sql, JSON etc.
* Provide read access of Azure subscription to users upon approvals from higher management
* Preparing the recovery services vault and finalize the azure resources.
* Migration Using ASR services, Greenfield Migration.
* 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.
* Assist customers with Azure and GitHub templates
* Configuring storage account access, diagnostics & monitoring
* Installing and configuring IIS and FTP services, creation of FTP sites
* Performing health checks on server for space and memory management, antivirus updates.

**Project 2: Kore.ai**

**ROLE:** Build & Deployment Engineer Dec 2016 to Apr 2019

**Description:** Kore is an enterprise chatbots platform which specializes in AI-rich conversational solutions designed to bring faster, actionable, more human-like communication back into the daily interactions enterprises have with their customers, workforce, systems, and things. With Kore.ai-built chatbots digital customer interactions become faster, smoother and more human, and employee work is simpler and more efficient.

**Roles and Responsibilities:**

* Hands On experience of Azure VM Creation/Deletion/Modification. troubleshooting all scheduled jobs.
* Good Knowledge for Azure Subscriptions Implemented swap functionality in azure.
* Automating all the Build and Deployment tasks using Power shell
* Configuring and setting up build environment on Build servers by using power shell
* Deployment on non-production and production using Power Shell
* Automating repeated tasks using Power Shell
* Good Knowledge of MS Azure Clustering & high Availability.
* Good Knowledge of Monitoring of MS Azure Services
* Good understanding of Azure Storage & network connectivity with On-Premises infra.
* Understanding of virtualization management and configuration.
* Implemented Azure Blob storage to store the Content DB and file.
* Configuring the network.
* Implemented PAAS cloud services.
* Implementing Load balancer in Azure
* Integrate the on prem active directory with Azure AD.
* Configured the email alerts for the VM servers.
* Automatic backup and recovery using recovery service vault.
* Used Microsoft Azure storage explorer for maintain the file system.
* Deploying apps using one drive, GIT hub and one drive.
* Configured the deployment slots and swap functionality.

M.VASU