**SHIVA KUMAR BANDRU**

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# CAREER OBJECTIVE

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

**PROFESSIONAL SUMMARY**

* Possess overall 3+ years of IT experience with 2+ years of Microsoft Azure Cloud Engineer experience in IAAS, PAAS services. Proven ability to successfully analyze an organization cloud migrations, 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.
  + Working knowledge on .net
  + Configured PaaS services like App service, App service plan.
  + Exposure to SDLC Activities like Agile methodology.
  + Hands on Replication services LRS, GRS.
  + Good Knowledge in Database like SQL Server, MySQL.
  + Managed complete project cycle right from requirement analysis to system study, build and release management, deployment, coding, testing, de-bugging, documentation and implementation
  + Deploying webpages into azure app services (PaaS) using File server.
  + Handled daily and nightly builds for multiple projects.
  + Implementation and configuring of Azure backup.
  + Adding, removing, or updating user account information, resetting passwords.
  + Executing builds and troubleshooting, Interaction with development and QA teams.Managed environments DEV, QA, UAT and PROD for various releases and designed instance.
  + Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
  + Work for deploying the Terraform templates using Azure devops.
  + Good Knowledge in Docker and Kubernetes

**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, Octopus, Jenkins,kubernetes,Docker |
| **Scripting Languages** | Power Shell |
| **Database** | SQL Server, MySQL |

**EXPERIENCESUMMARY**

* Working as a Microsoft Azure DevOps Engineer for KPMG, Bangalore from Oct 2017 to Till Date.
* Worked as a Build & Release Engineer for Kore.ai Software India Pvt Ltd from Sep2015 to Sep 2017.

EDUCATIONAL CREDENTIALS

**M.B.A** from JNTU **,**  Hyderabad **, India.**

**Project 1: KPMG**

ROLE: Azure Cloud & DevOps Engineer Oct 2017-Till date

**Description:** KPMG International Cooperative is a multinational professional services network, and one of the Big Four accounting organizations. Seated in Amstelveen, the Netherlands, KPMG is a network of firms in 147 countries, with over 219,000 employees and has three lines of services: financial audit, tax, and advisory

**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.
* Create web apps for developers to do development work
* Update files with infrastructure details like Sql connection string, storage account details 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
* ASM to ARM migrations and on premise to Cloud Migrations
* Performing Sys-prep activity on the azure resource.
* Capturing the failover VM & Deploying the New VM with an azure image
* Adding Virtual machines to the active domain.
* Creating run books and Assessment sheets.
* 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, Virtual Networks, Azure CDN & Microsoft Operations Management Suite (OMS).
* Providing solutions to the Customers based on the requirements/service requests
* Installing, upgrading, configuring, troubleshooting Windows Servers
* 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 Sep 2015 to Sep 2017

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:

* Experience in cloning the repository and creating branches and tags from master to separate build system after a milestone releases.
* Monitoring the builds using Continuous Integration tool like Azure DevOps.
* Handled multiple environment builds to create build setup and perform deployment activities.
* Creating Alarms in Monitor service for Monitoring the server’s performance, CPU Utilization, disk usage etc.
* Troubleshooting application related issues by log verification.
* Experience in Creating branches and tags to separate build system after a milestone releases.
* Experience in writing environment checks using Power Shell scripting.
* Identify, troubleshoot and resolve issues related to build and deploy process.