**KIRAN KV**

[kiran.vk211@gmail.com](mailto:kiran.vk211@gmail.com)

+91 8142 83 5555

***PROFESSIONAL SUMMARY:***

* A Microsoft Certified Azure Administrator Associate having 4+ years of experience in Azure Cloud and DevOps Culture.
* Good exposure of **Agile** development methodology in designing and implementation of Continuous Integration and Delivery (**CI/CD**) methodology.
* Working knowledge and administrator experience of **Continuous Integration strategies** and tools using **Azure DevOps.**
* Working knowledge on source code management tool using **Git.**
* Having Good knowledge on Configuration management tool using **Ansible.**
* Having Good knowledge on Containerization tool using **Docker.**
* Executing builds and troubleshooting, Interaction with development and QA teams.
* Worked on deploying web pages into **Azure App Services**.
* Experience in planning, managing Azure based infrastructure, troubleshooting of Microsoft Azure platform related problems.
* Experience in **Migration Project** from On-Premises to Azure.
* Experience in **PowerShell** scripting for automation of technical activities.
* Experience in using **ARM Templates** for deploying Virtual Machines
* Experience in implementing and managing **Azure Storage accounts**.
* Experience in deployment and managing of **Virtual Machines**.
* Experience in configuring and managing **Virtual Networks**.
* Experience in managing and securing identities using **Azure Active Directory**.
* Worked 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, Files, Queues**).
* Having Expertise knowledge in configuring the **Site-to-Site** and **Point-to-Site VPN** connections
* Designed Network Security Groups (**NSGs**) to control inbound and outbound access to network interfaces (**NICs**), VMs and subnets.
* Exposed Virtual machines and cloud services in the VNets to the Internet using **Azure External Load Balancer.**
* Installing/Configuring and Managing Web and Application Servers like **IIS, Apache, Tomcat**
* Installing/Updating Linux OS (**Redhat Linux5, 6, Centos, Ubuntu**)
* Having Good Knowledge on **Kubernetes.**

***TECHNICAL KNOWLEDGE:***

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| --- | --- |
| **Cloud Platforms** | Microsoft Azure |
| **Skills** | Azure DevOps, VSTS, GitHub, Azure AD, Azure Roles, ARM Templates, Virtual machines, Azure Storage, Virtual Networks Scale Sets, Load Balancer |
| **Tools** | Git, Ansible, Docker, Kubernetes |
| **Scripting Languages** | Shell, PowerShell |
| **Bug Tracking Tools** | Jira |
| **Web Servers** | IIS, Apache, Tomcat |
| **Operating System** | Windows Servers, LINUX |

***Education***

* Master of Science from University of Leicester, UK Sep-2009-Jan 2011
* Bachelor of Technology from JNTU-HYD University Sep 2006-June 2006

## *EXPERIENCE PROFILE:*

* Working as Consultant at **Affluent Global Services Pvt. Ltd**., **Hyderabad** from October 2019 to till date
* Worked as DevOps Engineer at **TCS, Chennai** from August 2018 to October 2019.
* Worked as an Azure Administrator in **Infinite Computer Solutions India Ltd**, Bangalore, from August 2015 to July 2018.

***Professional Experience***

**Client: Northern Trust**

**Project Name: TradeOrderEntry** **Aug 2018 to till date**

**Role: DevOps Engineer**

* Created the Continuous Integration and Continuous Deployments using Azure DevOpstool.
* Created and establish build process using Azure Devops to perform builds efficiently and deployment of the web applications in Azure.
* Experience in cloning the repository and creating branches and tags from master to separate build system after a milestone releases.
* Troubleshooting application related issues by log verification.
* Identified, troubleshoot and resolved issues related to build and deploy process
* Experience in writing environment checks using Power Shell scripting
* Involved in monitoring the process and making daily reports on performance of process.
* Creating Alarms in Monitor service for Monitoring the server’s performance, CPU Utilization, disk usage etc.
* Created web apps for developers to do development work

**Client: Ogilvy Advertisers**

**Project Name: Migration to Azure and Management** **May 2016 to July 2018**

**Role: Azure Administrator**

* Involved in VM deployments using Azure Portal, ARM Templates.
* Created ARM templates to reuse similar deployment with some standard configurations and naming convention
* Generated SAS keys for Blob Storage resource.
* Implemented automatic Key generation in Key vaults
* Involved in moving infrastructure to the cloud using Azure file shares and File syncs.
* Created users in Azure AD from Portal.
* Adding additional disks to Azure VM upon receiving request
* Managing entire Azure infrastructure services
* Responsible for creating Network Security Groups and add inbound rules for various ports.
* Created Vnet Peerings and point-to-site networks
* Experience in creating and managing backup and restore for VMs.
* Configuring load balancer to forward traffic from a specific port of the front-end IP address to a specific port of a back-end VM

**Client: United Overseas Bank**

**Project Name: eBranch** **Aug 2015 to May 2016**

**Role: System Administrator**

* Managing Daily, Weekly and Monthly Backup Operations
* Installing Required Packages and Ingres using RPM and YUM tools.
* Maintaining Linux Quota Systems for users and groups.
* Taking Backup of Server’s.
* Reloading the server’s backup if necessary or in case of clash.
* Maintaining the Logical Volume Manager(LVM)
* Managing Scheduling jobs using Crontabs and At.
* Configuring FTP server to maintaining the shared folders in the Organization.
* Managing web and application servers like apache (httpd), Nginix, Tomcat.
* Disk administration - creating partitions, file systems, monitoring.
* Scheduled various regular periodic-tasks
* Managing user permissions.
* Configuration, administering, troubleshooting and managing servers.