Vamshi Krishna Aleti

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**Professional Profile:**

* Having over all **4+**Years of experience with relevant of **4.0** yrs. as an Azure Cloud /Azure DevOps engineer.
* Having good experience with Azure Cloud IAAS, PAAS services.
* Having good experience with Azure DevOps Pipelines.
* Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.
* Having knowledge of Build and Release tools like MS Build& Maven & Gradle.
* Good understanding of YAML and Bash scripts in build and release pipelines.
* Experience in setting up CI/CD pipeline integrating various tools with Azure DevOps to build and run Terraform jobs to create infrastructure in Azure.
* Experienced in all phases of the software development life-cycle (SDLC) with specific focus on the build and release of quality software.
* Involved in Agile and SCRUM model projects and aware of Sprint Plan development and release cycles.
* Good experience working with IaaS services like VMs (Virtual Machines), Load Balancers, Storage.
* Good experience working with PaaS services like Web Apps, Azure SQL DB, Blob Storage, Traffic Manager, CDN, Azure Front Door, Key Vault.
* Good understanding of VM shapes and sizes.
* Good understanding of Networks and networking concepts – CIDR notations, VNets, Subnets, NSGs (Network Security Groups).
* Knowledge on setting up peering between VNet in same region and across regions.
* Good Knowledge on On-Premise to Cloud connectivity options – VPN Gateways and Express Route.
* Experienced with deploying Web Apps using ARM Templates.
* Experienced setting up Application Gateway along with WAF rules.
* Experience in on-premise to azure cloud.
* Experienced with Auto-Scale options for App Services and VMs (VM Scale sets).
* Good experience troubleshooting Errors/Exceptions – 4xx/5xx, HTTP Exceptions
* Good experience working with Log Analytics and App Insights.
* Experience in building CI/CD pipelines for NodeJS/reactjs, java, go applications tools such as Jenkins and azure devops.
* Configured alerts using Azure Monitor for resources at different levels and thresholds.
* Good knowledge on IAM (Identity and Access Management) and access privileges at different levels of account – Tenancy, Subscription, Resource Group, Resource
* Good Knowledge on GIT repositories and branches.
* Managing Azure Role-Based Access Control (RBAC) for cloud resources.

**Technical Skills:**

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| **Cloud** | Azure |
| **Programming and Scripting Languages** | PowerShell/ Azure CLI |
| **Operating Systems** | Windows, Linux |
| **Development Tools** | Visual studio code |
| **Version Control Tools** | Git & GitHub |
| **Devops Tools** | Vsts |
| **Container** | Docker |
| **Databases** | Azure SQL DB |

**Educational Qualifications:**

* **B. TECH from Joginpally BR Engineering College at 2016-**Hyderabad**.**

**Experience:**

* Working as **Sr. System Engineer** at **Arkin systems Pvt Ltd,** Chennai from Nov-2016 to till-date.

**Projects Summary:**

**Project #1:**

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| **Environment** | Azure |
| **Role** | Azure Cloud/DevOps |

**Contribution:**

* Created builds and release pipelines in Azure DevOps and did deployments to multiple platforms by implementing CI/CD.
* Maintaining/Monitor CI-CD process.
* Deployed applications using Azure DevOps and troubleshoot build and release job failures
* Worked with scrum and development team
* Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and Azure Devops
* Collaborating with Development for ensuring code has been properly integrating with release Branches.
* Integrate code between branches and resolve merges
* Troubleshooting Jenkins build and deployment failures.
* Verify Deployments logs verification for successful deployments.
* GitHub administration.
* Worked on setting up multiple PaaS services like – WebApps, SQL Db, Traffic manager, AGW, Azure Front Door, Key Vault etc
* Coordinating with developers and testers for Build and deploy related issues.
* Configuring and monitoring Cloud services.
* Worked on ARM Templates and Terraform.
* Configured Azure Virtual Networks (VNETS), subnets, Azure network settings, CDIR address blocks, DNS settings, security policies.
* Configured PAAS services like App service, App service plan.
* 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.
* Implementation and configuring of Azure backup.
* Performed Scale-Up/Scale-Down of App Service Plan as part of Cost optimization.
* Closely monitor WebApps traffic from Application Insights.
* Helped Dev team with ad-hoc backups of SQL Db as and when required
* Grant RBAC access to new team members on approvals.
* Work with Azure Support on unresolved issues.

**Project #2:**

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| **Environment** | Azure IaaS |
| **Role** | Azure Cloud Administrator |

**Contribution:**

* Deployed VMs using ARM templates.
* Attached/Resized Storage Volumes as per approvals.
* Have setup monitoring on VMs.
* Part of Azure Load balancer and VM scale sets configuration.
* Part of ASR (Azure Site Recovery) setup.
* Have granted Just-In-Time access on VMs.
* Scheduled VM backups.
* Configured VNets and Subnets by CIDR.
* Configured disk encryption and worked on OS disk swap.
* Configured Azure Firewall.
* Deployed applications using Azure DevOps and troubleshooted build and release job failures

**Project #3:**

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| **Client** | Toyata Global. |
| **Role** | Linux Administrator |

**Contribution:**

* Monitoring the performance of the applications on servers.
* Installation and configuration of RedHat Linux.
* Remote administration using SSH.
* User management.
* Server health monitoring using PS, uptime, df –h, free etc.
* Participate in root-cause analysis of recurring issues.
* Responsible for server troubleshooting.
* Creating User, Group home directories and password administering.
* Installing new software packages and other when required by the developer or business.
* Checking the file systems and increase/decrease the file system if required.
* Configured disk management.

**(Vamshi Krishna Aleti)**