DevOps
 Vignesh Golla   **+91-9398268556**
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Cloud Engineer
Expertise in **Azure, AWS, DevOps**

PROFESSIONAL SUMMARY:

- **More than 5 years** of experience in managing large scale IT management activities encompassing implementation & In designing, configuring and deploying solutions on Windows Azure for a multitude of applications (Including Compute, Web, Storage, IaaS, PaaS, API Management, Service Bus, Logic Apps and ARM templates).
- Experience in Windows Azure Services like PaaS, IaaS and worked on storages like Blob, Sql Azure. Well experienced in deployment & configuration management and Virtualization.
- Experience in Azure infrastructure management (Azure Storage, Azure AD and Office365).
- Experience in automating day-to-day activities
- Experience in Azure DevOps as a support Engineer.
- Hands on experience in supporting Azure Devops services Azure Repos, Azure Boards, Azure Pipelines etc.
- Hands on experience in managing Azure Storage Accounts.
- Expert knowledge of 3-tier and N-tier layered architecture.
- Experience in Creating ARM templates for Azure Platform.
- Ability to create scripts using Azure PowerShell during for automation and build process.
- Experience in dealing with Windows Azure IaaS - Virtual Networks, Virtual Machines, Cloud Services, Resource Groups, Express Route, VPN, Load Balancing, Application Gateways, Auto-Scaling, Traffic Manager.
- •Azure PaaS Solutions like Azure Web Apps, Web Roles, Worker Roles, SQL Azure and AzureStorage.
- • Very good T-SQL Programming skills. Used Execution Plan to identify long running queries and tune the same to improve performance.
- • Hands on experience in installing, configuring, upgrading and migrating both on-premises and Azure cloud systems with High Availability groups.
- Team-oriented Cloud engineer with three years of experience in system and network administration, managing server infrastructures and datacenter operations across multiple platforms (Unix, Linux, Windows).
- Administration/Maintenance experience of source control management systems, such as Subversion (SVN) and GIThub.
- Experience in successfully implementing Software Configuration Management process and Tools across organization.
- Hands on experience on Docker hub, creating Docker images and handling multiple images and strong knowledge on Docker components like Docker Engine, Docker Containers, Hub, Machine, Compose Docker Registry.
- Managed local deployments in Kubernetes, creating local cluster and deploying application containers.

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- Building/Maintaining Docker containers clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP.

- Expert-level knowledge of Amazon EC2, S3, VPC, IAM, EFS, EBS,ELB, Auto Scaling, Simple DB, RDS, Elastic Load Balancing, and other services in the AWS cloud infrastructure such as IAAS, PAAS and SAAS.

- Architected and Designed the Backup and Archiving, Disaster Recovery in AWS Cloud.

- Provide SME in all areas of Cloud (IaaS, PaaS, SaaS) to existing and perspective clients on multiple cloud platforms Azure/AWS and various PaaS platforms (Cloud Foundry/OpenShift).

EDUCATION:

- BCA from Indian Virtual university for Peace and Education ,Bangalore in 2017.

TECHNICAL SKILLS SUMMARY:

- Cloud service platform: AWS / AZURE
- Code repository: Github,Gitlab
- Containerization: Docker, Kubernetes,
- CI/CD: Jenkins

- Build tools/ Scripting : Shell, YAML
- Configuration Management: Ansible
- Project Management: Jira,Rally.

WORK EXPERIENCE:

- Worked with Wipro Infotech**,** Bangalore as a **Cloud** Engineer from Aug 2017 to July 2021.

- Worked with Tech Mahindra for Microsoft corporation as Azure DevOps engineer from July 2021 till August 2022.

- Working with Quest Global as a DevOps engineer from November 2022 till present.

Responsibilities:

- Understand client requirements, propose solutions and ensure delivery.
- Experience of designing and creating comprehensive Cloud Computing solutions on the AWS platform.
- Experience with EC2 Auto Scaling, EBS, S3, ELB, RDS,VPC, Cloud Watch, and other AWS Services.
- AWS monitoring, queuing & notification.
- Architecture design with scalability and performance as primary objective.
- Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IPs.
- Monitoring health of Amazon EC2 instances and other AWS services.
- User management e.g. creating and managing users/groups in AWS account.

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- Experience with scheduling EC2 instances with Lambda.
- Designing Auto scaling architectures for applications.
- Develop/capture/document architectural best practices for building systems on AWS.
- Custom monitoring metrics/analysis/alarms via CloudWatch.
- Creating AWS user/Group access accounts .
- Configuring security groups and grouping the servers depending on the applications.
- Enabling and disabling of inbound and outbound ports of security groups using AWS GUI.
- Interfaced with various levels of executives, management, and technical staff of customers.
- Developing the utility scripts to effectively reduce the time and manual effort.

Azure:

• Worked on Microsoft Azure (Public) Cloud to provide IaaS support to client.

• 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 (PaaS role instances) into secure VNets and subnets.

• Designed VNets and subscriptions to confirm to Azure Network Limits.

• Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.

• 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.

• Deploying local database into Azure SQL server database.

• Configured private and public facing Azure load balancers etc.

• Created Azure SQL database, performed monitoring and restoring of Azure SQL database.

• Performed migration of Microsoft SQL server to Azure SQL database

• Backup, Configure and Restore Azure Virtual Machine using Azure Backup.

• Environment: Microsoft Azure, Windows server 2012/R2, Windows PowerShell, Microsoft Azure Storage, IIS, Azure Network

Place : Bangalore   **(Vignesh Golla)**