**SASIDHAR VELPULA**

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* **CAREER OBJECTIVE**

Seeking a challenging position in an IT environment where I can leverage my technical and professional skills and continually learn the latest technologies

* **EDUCATION:**

MTech Degree in Computer Science and Engineering May2017 VIT, Chennai, CGPA: 7.2/10.00

BTech Degree in Electronic and Communication Engineering May 2015 VIGNAN University, Guntur, Percentage: 74

Higher Secondary March 2011 Narayan JR. College, Hyderabad, Percentage: 89 Secondary March 2009 Geetanjali Talent School, Hyderabad, Percentage: 69.17

* **WORK EXPERIENCE**

**CLOUD PROFICIENCY**

**~ 4** years of professional Experience at HCL Technologies, HYD, in AWS and Azure Infra and Devops Administration. Working in HCL from July 2017 till now.

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| Cloud Technology | Skills |
| AWS | Hands on Experience on Code Commit, Cloud formation templates, Lambda Scripts, IAM, RDS, Containers, Route53, EC2(instance build, load balancer, Auto scaling), Cloud Watch, Loud Front, ACM, SNS, S3, Elastic Beanstalk, VPC. |
| AZURE | Hands on Experience in Infrastructure as Azure functions and services like Storage, VM Instance, VM Scale Set, Load balancer and Active directory. |

* **TECHNICAL SKILLS**

Languages : Python, PowerShell scripting, C, JSON, YAML.

Cloud skills : AWS, Microsoft Azure

Private : Cloud VMWare.

Tool’s : Ansible, GitHub, Jenkins, Sonar, Maven, Nexus, Terraform,Docker, Kubernetes

Platforms : Windows 2008,2012,2016, Windows AD and Linux

Interests : Cloud Technologies and Devops.

Certifications : AWS Solution Architect and Microsoft Azure Architect Certification AZ-300.

* **PROJECTS**

**Cloud Technology: AWS.**

* Taken an ownership on BCBSNC and CADENT as a front to the client where I learned how to handle the issues.
* Launching VM’s using Terraform, Cloud Formation, Ansible or from console.
* Handling Cloud Watch and creating alerts and storing logs.
* Configuring VPC peering and VPN gateway.
* Create and managing Security Group, route tables and NACL level rules.
* Lambda Automations – start/stop of vm’s, Volume Backups, Instance Backup’s etc..,.
* Create and managing the load balancer, Auto Scaling.
* We worked on service like SMS (Systems Manager service). Both Windows and Linux servers we have worked the SMS agent installed. Gathering the instance information with SMS agent installed on the servers.
* Create the ACM certificate and managing to the loadbalancers.
* Implement (IAM) Identity Access Management.
* Configuration AWS MFA (Multifactor Authentication).
* Creating the Group policy and restricting the users.
* Resize the VM in AWS console.
* Using single sign on maintaining multiple account using Switch role.
* Using ansible installing packages or sharing the files to the linux instance.
* Using GITHUB we create Branching, Tagging, Release Activities on Version Control Tools GIT.
* Creating new jobs in Jenkins and managing the build related issues.
* Built up CI/CD pipeline using Git, Maven, Jenkins for JAVA and Middleware applications.
* We create a Docker images using file and build containers.
* Create a containers and managing the cost optimization.
* Creating the containers on Linux servers and maintaining the servers.
* Create the S3 and providing the access to cross accounts and maintaining the policy.
* Crating the RDS instances and maintaining the Backups.
* Create the Route53 and assaying the Cname for the Loadbalancers.
* Using trusted Advisory report upgrading the EC2config, ENA driver, NVMe driver and PV drivers on windows machine for better performance.
* Using trusted Advisory report, we are maintaining Cost Optimization to reduce cost optimization.
* Using IBM BIGFIX, WSUS we are patching the Windows servers.

**Cloud Technology: AZURE.**

* Configure azure infrastructure by using ARM template.
* Monitor and manage Client Azure infrastructure via Azure Monitor.
* Creating Azure Virtual network in Azure portal.
* Configure Virtual networks connectivity using Vnet peering
* Configure a Vnet-to-Vnet VPN gateway connection using the azure portal
* Configure a Site to Site VPN.
* Configure a Point-to-Site connection to a VNet using native Azure certificate authentication.
* Create a VM using Azure Market place in ARM Portal.
* Resize of Azure VM in ARM Portal.
* Sound knowledge of migration with Site recovery,
* Azure Automation - Start /Stop of Azure VMs etc.
* Create VMs inside an availability set.
* Create and manage VM scale set.
* Create and manage NSG (Network security group).
* Create an Azure Storage Account in ARM Portal.
* Create and Manage Load balancer.
* Backup a Virtual machine in Azure.
* Use Azure portal to backup to Multiple Virtual machines.
* Implementation Azure Monitor in Cloud Infrastructure.
* Implementation Azure Site recovery (Migration- Azure to Azure).
* Create Add custom domain in Azure Active Directory.
* Create Azure AD connect to Sync with server AD.
* Implement (IAM) Identity Access Management.
* Configuration Azure MFA (Multifactor Authentication).
* Implementation Azure SQl Database.
* Backup and restore Azure SQL Database.
* Handling L2 and L1 request from client side related to Azure IAAS and Windows Server.
* Handling and Resolving Clients Issues remotely.
* Monthly Security Patches Update of Client Server.
* Provide the server support like- AD, RDS, GROUP POLICY, FTP, DNS and windows role.
* Creating, Managing and Locating Users, Groups, OU and Computer Objects in Active Directory.
* Implementing and maintaining Group Policy in windows server.
* Using IBM BIGFIX, WSUS we are patching the Windows servers.
* **PERSONAL DETAILS**

Father’s Name : V.SUBBARAYUDU.  
Nationality : Indian.

Sex : Male.

DOB : 29th June 1994.

Languages known: Telugu, English, Hindi

* **DECLARATION**

I hereby inform that all the above information given by me is true to the best of my knowledge.

Date: 03rd Feb 2021

Place: Hyderabad. V.Sasidhar