

A.U.S. Srinivas

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Professional Summary

- Having 6.3 years of IT experience and 4+ years of relevant experience in the Software Industry.
- Expertise in Azure Administration and DevOps, Site Reliability Engineering (SRE), Continuous Integration, Capacity Planning, and Autoscaling using Cloud Platforms like Azure.
- Deployed the Services by VSTS(Azure DevOps) pipeline.
- Created and Maintained pipelines to manage the IAC for all Applications.
- Working experience with continuous delivery/integration/deployment tools such as Ansible, and Jenkins.
- As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.
- Deployed Azure IaaS virtual machines (VMs) and Cloud services (PaaS role instances) into secure VNets and subnets.
- Experience in **Virtual Machines, Virtual Networks, Azure App Service, Azure Functions, Service Bus, Azure Kubernetes Service, Azure Container Registry, and APIM.**
- Created Builds and Release Pipeline in VSTS and done deployments using SPN (Secure Endpoint Connection) for Implementing CI/CD.
- Implemented high availability in Azure Service Manager and Azure Resource Manager deployment models.
- Set up Azure Virtual Appliances (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization, and intrusion detection).
- Administration and Monitoring Azure IaaS Services.
- Handling Premise Active Directory integration to Azure Active Directory with Multifactor Authentication.
- Azure Role-Based Access Control Setup.
- Administration and Implementation of Azure Backup Vault for VM Level Backups and File and Folder Backups.
- Having Knowledge of Azure Data Factory
- Created Azure Services using ARM Templates and ensured no change in the Present Environment while doing Incremental deployments.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.

Technical Skills:

Data Storage	SQL Database, Storage (Blobs, Tables, Queues, Files and Disks)
Networking	Virtual Network, Point to Site, VNet to VNet, Site to Site, Load Balancer, DNS, VPN Gateway, Application Gateway
Identity & Access Management	Azure Active Directory, Azure Identity
Cloud Services	ARM, Azure Management Studio, Azure Site Recovery, Power shell
Devops Tools	Azure Devops, Jenkins, VSTS, Docker, Terraform, Kubernetes, Ansible, Git
Operating System	UNIX, LINUX, and Windows
Webservers	Nginx
Monitoring Tools	Azure Monitoring

Education Details

- B.Tech from JNTU-H, in 2017.

Professional Experience

- Working as an Azure DevOps Engineer at Kapston Services Ltd, from March 2023 to till date
- Worked as an Azure DevOps Engineer at Technocooling Systems Pvt Ltd from Aug 2019 to Feb 2022
- Worked as an Azure DevOps Engineer at Avisolar Pvt Ltd from Oct 2016 to July 2019.

Project 1:

Project Title: Abbott Labs

Client: Abbott

Description:

Abbott Laboratories is an American multinational medical device and healthcare company with headquarters in Abbott Park, Illinois, United States. The company was founded by Chicago physician Wallace Calvin Abbott in 1888 to formulate known drugs; today, it sells medical devices, diagnostics, branded generic medicines, and nutritional products. It split off its research-based pharmaceuticals business into AbbVie in 2013. The firm has also been present in India for over 100 years through its subsidiary Abbott India Limited, and it is currently India's largest healthcare products company.

Roles and Responsibilities:

- Experience in Creating, Configuring, deploying, managing, and troubleshooting on ASP.Net IIS 6.0, 7.0, 8.5 Websites
- Hands-on Experience in working with App Pools, Virtual Directory, Worker Process
- Experience in Managing Web Farms, Modules, extensions Troubleshooting Skills Logs Analysis, Failed Request Tracing, and Performing Tuning
- As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.

- Hands-on experience in CI/CD and Deployment through Azure
- Good knowledge of Azure VM management
- Good knowledge of ARM Templates and Bash shell Scripting
- Extensive knowledge of creating and Configuring Storage Accounts, Virtual Networking, Load Balancer, NSG, Azure AD Connect, **Docker and Kubernetes, Terraform.**
- Good understanding of Version Control Git/TFS, Build/Release, and Azure CI/CD Pipelines
- Expertise in Exchange Server 2003/2007/2010 Administration and Implementation
- Expertise in Active Directory Domain Service and Microsoft Exchange Server Administration
- Administering, Creating and maintaining User Accounts in Active Directory

Project 2

Project Title: Cardinal Publishers Group

Description:

Cardinal Publishers Group is dedicated to achieving excellence in distribution services for our client publishers and providing first-rate customer care to the individuals and corporations that buy our publishers' books. We understand that effective national book distribution is all about the services we provide to both our customers and our clients.

Roles and Responsibilities:

- Worked on Microsoft Azure (Public) Cloud to provide IaaS support to clients. 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, and attached disks to VMs.
- Manage and create Virtual Networks and End Points in Azure Portal.
- Deploying VM & Storage, Network, and Affinity Group through PowerShell Script.
- As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.
- We deployed Azure IaaS VM and Cloud services (PaaS role instances) into secure VNets and subnets.
- Designed VNets and subscriptions to confirm 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, and performed monitoring and restoring of Azure SQL database.

Project #3

Project Name: Power Hub.

Client: Uniper

Description:

Power Hub is primarily a web-based application that provides a hub for power operational data and processes. It has five main functional areas. Metering, Power Trade Reporting, GTMA statementing, processing of APX Trading data, processing of BMRA data, processing of power forecasts. Power Hub provides standard components for managing file loading, emails, and other support processes. It also provides an interface for maintaining common standing data such as BUM's, parties, and stations. The Power Hub is made up of a set of components. These are Power Hub, Web File Loader Service, APX Feed Service, SF2 loading scripts, File Exporter, and Power Hub Scheduler.

Roles and Responsibilities:

- Checking logs in case of job failure and long-running of jobs.
- Develop shell scripts for daily repeated tasks.
- Document repeated issues and discuss them with developments, incidents, and problem management teams to avoid occurrences in the future.
- As an SRE, responsible for performing Ops work as well as understanding development needs and support accordingly by having continuous coordination with Development and R&D teams.
- Experience in **Virtual Machines, Virtual Networks, Azure App Service, Azure Functions, Service Bus, Azure Kubernetes Service, Azure Container Registry, and APIM.**
- Manage post-mortem review process of incidents
- Outage management – Incident Calls with Regional Incident Managers.
- Respond to Production problems, troubleshoot, and solve user issues.
- Provide up-to-date status reports on the outage and overnight batch streams and user issues.