**Supraja**

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**Phone: 678-586-0471**

***PROFESSIONAL SUMMARY*:**

* Over 7+ years of experience in Information Technology including application design and development.
* Experience in Cloud Infrastructure management and Implementation (ARM and ASM).
* Experience in System and Server administration of Windows and Linux Environments.
* Experience in Azure infrastructure management (Azure Storage, Azure AD and Office365).
* Experience in working with Windows Server 2008, 2012 R2, 2016 Active Directory and Administration.
* Planning and implementing Disaster Recovery solutions, capacity planning, data archiving, backup/recovery strategies, Performance Analysis and optimization.
* Experience on installing and configuring SSL certificates in web servers.
* Working knowledge on Azure Fabric, IoT& Docker containers in Azure.
* Experience in setting up cluster environment for load balancing and high availability of Windows servers
* Experience in Install, Administer and Configure Team Foundation Server (TFS) 2013.
* Relational database design and programming experience using SQL Server 2012.
* In depth knowledge of TFS Migrations of all versions, Creation of Team Project Collections and administering their security, Branching/merging, Work items customization.
* Experience in automating day-to-day activities by using Windows PowerShell.
* 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 AzureWeb Apps, Web Roles, Worker Roles, SQL Azure andAzure Storage.
* Knowledge on working with Data Warehouse and Bigdata.
* Experience in migrating on premise to Windows Azure in DR on cloud using Azure Recovery Vault and Azure backups.
* Strong understanding of Microsoft .NET technologies C# and/or LINQ, IIS, SQL Server, Visual Studio, .NET, CRM, XML.
* Proficiency in technologies like Java, J2EE (Servlets, JSP, JMS, JDBC), JavaScript, Hibernate, XML, XSLT and Oracle.
* Experience in Web Application Development using HTML, CSS, JavaScript, JQuery, AngularJS, AJAX and JSON.
* Experience in using RESTful web services.
* Experience on Node environment using npm, Grunt, Gulp, Bower.
* Strong experience on DevOps essential tools like Chef, Puppet, Docker, Kubernetes, Jenkins, Ant, Mavenand migrated VMWAREVMs to Azure and Managed Services like VM, VPN, VNet, UDR, NSG.
* Hands on experience using the version controls like Subversion SVN and GIT.
* Excellent experience in developing web pages complying with Web Content Accessibility Guidelines (WCAG) and ability to apply W3C web standards.
* Experience in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with Agile and SCRUM.
* Worked on IDE tools like JSP, IntelliJ, Web Storm, Notepad++, Sublime Text and Eclipse.

***PROFESSIONAL EXPERIENCE****:*

**IHG May2016 - Present**

**Alpharetta, GA**

**Azure / Cloud Engineer**

**Responsibilities:**

* Design, planning and implementation for existing On-Prem applications to Azure Cloud (ARM).
* Creating Gateways for Virtual Network to Virtual Network and Site to Site specific VPN connectivity on Azure environments.
* Created Domain Controller in one of the Virtual Machine and added users to Domain Controller.
* Implemented VNet Peering between the Virtual Machines within the same Location.
* Enabling Disk Encryption using Certificates for IaaS Virtual machines for OS and Data Volumes.
* PowerShell scripting for Automation - Creating VM's, Virtual Networking, VPN, Key Vault, Load balancer and Disk Encryption.
* Deployed Websites using IIS Web Server and controlled Traffic flow using Internal and External Load Balancer.
* Implemented Next Gen Firewall (Barracuda) as a Security layer between Internet and On-Prem.
* Developing and implementing backup and disaster recovery protocols.
* Knowledge on Azure AD bulk User, Group and assigning Users to SaaS applications.
* Enabling Single Sign On (SSO) feature for existing application integrating with Azure Active Directory.
* Administered TFS and created TFS backup schedules.
* Customized TFS build definitions to automate TFS build process.
* Worked on TFS-Rally Connector to Synchronize User Stories and Tasks Bi-Directional.
* Worked with Dev Teams on TFS Performance Monitoring in the New TFS 2015 Environment.
* Automation of Build, deployment and smoke testing of .Net applications using TFS2015/2013/2012.
* Migrating Existing Active Directory and Exchange users to Microsoft Azure AD using Azure AD Connect, Active Directory Federation Service ADFS and DirSync tools.
* Configured Firewall logging, DMZs& related security policies& monitoring.
* Implementing and managing global intranet project using Scrum (Agile framework), Office 365, Microsoft Azure, Hybrid Active Directory, CSOM, PowerShell and SharePoint Infrastructure Management tools.
* Azure PaaS Solutions - (DR on cloud using Azure Recovery Vault, Azure Web and Worker Roles, SQL Azure, Azure Storage).
* Implemented a production ready, load balanced, highly available, fault tolerant Kubernetes infrastructure.
* Utilized Chef, Puppet and Opswork as configuration management tools to deploy consistent infrastructure across multiple environments.
* Automated the process of installation, configuration of the web application servers like WebSphere/WebLogic/Apache Tomcat/JBOSS/CRM using Ansible / Chef /Puppet.
* Experience in BigData, Azure SQL and SQL Clusters.
* Uploaded Vhd files into Azure Storage Account using AZ Copy.
* Experienced in Software Development Life-Cycle, Incident, Problem, Change, and Release Management practices.
* Ensured all steps are successfully completed and document their completion times and issue logs.

**Cigna JAN 2014- May 2016**

**Bloomfield, CT**

**Azure Cloud Engineer**

**Responsibilities:**

* Design, build and manage the Windows Azure infrastructure depends on their requirement.
* Setting up Virtual networks for site-to-site, Point-to- Site and Express Route (Network Provider Model).
* Implementation of User Defined Routing (UDR).
* Setting up Azure Network Security with NSG and Endpoint ACLS.
* Design and Implement High availability with Storage accounts and availability sets, Disk Sanitization Process.
* Configuration of Internal load balancer, load balanced sets and Azure Traffic manager.
* Implemented continuous integration using Jenkins and configured using Chef
* Designed and documented CI/CD tools configuration management.
* Documentation of run books for all day to day activity on Windows / VMware/ Microsoft Virtualization and System Centre Suite.
* Created and managed Azure API Management account.
* Actively worked on deploying modern, Familiar and fast, cross-platform web apps
* Actively involved in Launching Windows and Linux Servers and experience in deploying cluster in the Azure cloud
* Development web service using Windows Communication Foundation and .Net to receive and process XML files and deploy on Cloud Service on Microsoft Azure.
* Converted .Net application to Microsoft Azure Cloud Service Project as part of cloud deployment App insight.
* Implemented Azure Storage, Azure SQL Azure Services and developing Azure Web role.
* Involved in the design and development of web application in C#.NET, ASP. Net, User Controls and deployment in the cloud environment.
* Azure AD - Implemented Azure AD using AD connects configured SSO and multifactor Authentication. Also configured SSO from Window 10 based computer which is joined to Azure AD. Implemented and managed AD synchronization
* Setting up Virtual networks for site-to-site, Point-to- Site and Express Route.
* Responsible to manage Reliable, economical cloud storage for data big and small In AzureStorage.
* Responsible for Real-time stream processing in the cloud and Notification Hubs
* Actively involved in configuring private network in the cloud by using Azure Virtual Network & ExpressRoute and maintain Geo-route incoming traffic to app for better performance and availability
* Responsible to manage fast & modern global delivery network for high-bandwidth content and maintain Azure VPN gateways and DNS services
* Responsible to maintain reliable cloud integrated backup and Identity and access management for the cloud services
* Responsible to Safeguard cryptographic keys and other secrets used by cloud apps and services
* Design and Implement the Backup and DR solution for Azure Infrastructure.

**Environment:** ASP.NET, .Net Framework 4.0,Windows server 2008/2012 Servers, AzureCloud, AzureSQL Server, IAAS, Windows 7, PowerShell.

**Carpus IT, JUN 2012 – DEC 2013**

**Hyderabad, INDIA**

**Azure Cloud Engineer**

**Responsibilities:**

* Solutions Consultant responsible for architecture decisions and tasks for ongoing migration efforts.
* Design, install, administer, and optimize hybrid cloud components to ensure business continuity (i.e. Azure AD, ADFS, SSO & VPN Gateways.).
* Involved in the design and development of web application in C#.NET, ASP. Net, User Controls and deployment in the cloud environment.
* Worked on various Azure services like Compute (Web Roles, Worker Roles), Azure Websites, Caching, SQL Azure, NoSQL, Storage, Network services, Azure Active Directory, API Management, Scheduling, Auto Scaling, and PowerShell Automation.
* Responsible to develop services using .NET/C# code and Web API technology (Restful API)
* Developed ASP.NET Web API services to return JSON and XML Format.
* Provided high availability for IaaS VMs and PaaS role instances for access from other services in the VNet with Azure Internal Load Balancer.
* Successfully migrated companies from various environments into Office 365 Cloud Services.
* Install and Configure Virtual Machines (VM), VM tools on ESX boxes from the GUI and console.

**NIT Warangal AUG 2010–MAY 2012**

**Warangal, INDIA**

**Windows Administrator**

**Responsibilities:**

* Extensively managed, administered SQL 2000 servers and migrated SQL server 2000 databases into SQL server 2005 databases
* Installation of SQL Server 2005 on DEV, Staging and Production Servers
* Monitored SSIS packages, job work flows for used database partitions to manage data and configured Reporting Server Using Reporting Services Configuration Tool
* Used SQL Server Dynamic Management Views (DMVs) to track performance and usage
* Worked with SQL server Profiler to generate traces and fine-tuned databases and T-SQL
* Managed SQL Object Permissions, Roles and Authentication Modes for security policies
* Rebuilding the indexes at regular intervals for better performance and updated statistics
* Maintaining SQL Script for creation of Database Objects using VSS (Visual Source Safe).
* Used log shipping for synchronization of databases between Primary and Standby servers
* Setting up and Monitored transactional replication, Increased the availability of production databases by setting up mirroring
* Analyzed database performance with SQL Profiler and Optimized indexes to significantly improve queries
* Configured domain restricting to unauthorized users and groups to access and modifying content
* Conducted performance tuning on regular basis to improve performance of slow running queries and stored procedures
* Configured Data base-connectivity parameters in configuration files using SQL queries
* Worked with developers to tune the SQL queries using SQL Profiler

**Education: Bachelor’s in computer science – NIT Warangal**