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PROFESSIONAL SUMMARY:

- Dynamic Azure Architect with a comprehensive background in IT, boasting 4 years of experience as an Azure Architect, 1.4 years as an Azure DevOps Engineer, 1.6 years as an Azure Administrator, and 1 year as Level1 Windows & Linux Support. Proficient in various aspects of the IT industry, including Development, Build/Release Management, Change/Incident Management, and Cloud Administration.
- Proven track record in Development, Build/Release Management, and Change/Incident Management, adept at monitoring, automation, deployment, documentation, and troubleshooting.
- Extensive expertise in **Azure** Cloud Administration, covering a wide range of services such as **Virtual Machines, Storage Accounts, Virtual Networks, Load Balancer, VPN, Hub & Spoke, Migration**, and more.
- Basic experience with **Amazon AWS** Cloud Administration, familiar with services like **EC2, S3, ELB, VPC, RDS, IAM**, and others.
- Good Exposure to Virtualization and **Containers (Dockers) and Orchestration tool Kubernetes (AKS)**
- Ability to build deployment, build scripts, and automated solutions using scripting languages such as **Shell scripting (Bash)**.
- Extensively worked on **Jenkins** by installing, configuring, and maintaining **continuous integration (CI)** and End-to-end automation for all builds and deployments.
- Good knowledge of **CI (Continuous Integration) and CD (Continuous Deployment)** methodologies.
- Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.
- Excellent communication, team membership, and relationship management skills.

Technical Skills:

Operating Systems	Linux, Windows
Languages	SHELL.
Cloud Services	Azure: VM, NSG, Storage, Load Balancer, DR, VPN, Hub & Spoke, Migration. Basics of AWS: EC2, S3, ELB, RDS, Route 53.
Application Servers	Azure App Service
Source Code Management	GitHub, Azure Repos.
Version Control Tools	Azure DevOps, Git.
DevOps Tools	CI/CD, Jenkins, Ansible, Terraform.
Container Management tools	Docker and Kubernetes
Monitoring Tools	Azure Monitoring, Kusto Query Language, Prometheus, Grafana.

EDUCATIONAL QUALIFICATION:

B.E. from IGIT UNIVERSITY

PROFESSIONAL EXPERIENCE:

Spearheaded architectural design and implementation of Azure cloud solutions, demonstrating expertise in Azure services such as Virtual Machines, Storage Accounts, Virtual Networks, Migration, and more.

Working as an Azure Architect in DELL Technologies from May 2017 to the Date.

Worked as an L1 Support in Aegis Ltd from Sept 2015 till Jan 2017

Project: 1

Client: Boston Police Department, MS

Role: Azure Architect/Migration Engineer

Description: Worked as an Azure architect migrating applications from on-premise to Azure using both automated scripts and manual provisioning and configuration

Responsibilities:

- Employed Terraform to automate the provisioning of Azure resources, including VMs, Storage Accounts, and VNets, streamlining infrastructure deployment processes.
- Conducted in-depth research on Azure resources and tools, providing recommendations to clients and utilizing Azure calculator to estimate project budgets accurately.
- Analyzed existing on-premises architecture and designed and configured complex network architectures on Azure cloud, ensuring seamless migration of on-premises applications to Azure.
- Orchestrated the setup of Azure Workspaces for development teams to facilitate DevOps activities and administered them for optimal performance.
- Served as a trusted advisor to clients, implementing best practices and solutions in Azure cloud environments, including establishing secure Virtual Private Networks (VPNs) with robust network security measures.
- Designed and implemented backup solutions and disaster recovery strategies in Azure, leveraging tools like Azure Backup and Azure Site Recovery.
- Implemented a Continuous Delivery framework using Azure DevOps (formerly VSTS) and Azure Pipelines, ensuring automated deployment of applications to Azure cloud servers.
- Collaborated with developers to establish and apply effective version control strategies using Azure DevOps and GIT for seamless code management.
- Configured and managed web servers like Nginx and Apache Web Server on Azure VMs running Windows and Linux operating systems.
- Implemented highly available and fault-tolerant systems on Azure cloud using Azure Load Balancer.
- Managed configuration of web applications and orchestrated deployment to Azure cloud servers, ensuring smooth operation of applications in Azure environments.
- Extensive experience in Continuous Integration and Continuous Deployment (CI/CD) practices using Azure DevOps pipelines for automated build and deployment processes.

Environments: Azure, Azure Virtual Machines, Azure Storage Account, Azure Load balance, Azure DevOps, Azure Pipelines, Shell, Git, Docker, Windows Server, Linux.

Project: 2

Client: Old Navy, San Francisco, California

Role: Azure Cloud Architect/Kubernetes Admin

Description: Old Navy is a popular American clothing and accessories retailing company owned by Gap Inc. The role was to provision infrastructure in the cloud and administer resources, configure, and update. The collaboration between various teams on different projects was crucial.

Responsibilities:

- Provisioned and administered infrastructure in Azure Cloud, focusing on Kubernetes clusters and microservices-based architecture.
- Orchestrated the creation and management of Kubernetes clusters, including the configuration of deployment and service manifests.
- Configured the flow of CI and CD via Azure DevOps and set up the environment with the Docker file.
- Involved in the planning of deciding to choose a CI and CD for our application.
- Configured the Docker-based application and deployed users as per business requirements.
- Documented the full process of Automation and provided the KT to the QA team to use the Azure job.
- Participated in on-call rotation to handle production outage incidents.

Environment: Azure Cloud Platform, Azure Kubernetes Services (AKS), IAM, Prometheus, Grafana, YAML

Project: 3

Client: Walgreens Boots Alliance

Role: Azure Architect/Migration Engineer

Description: Worked as an Azure architect migrating applications from on-premise to Azure using both automated scripts and manual provisioning and configuration

Responsibilities:

- Utilized Azure App Service features and capabilities to streamline the migration process of applications from on-premises environments to Azure App Service, ensuring efficient deployment and management of web applications.
- Employed Terraform to automate the provisioning of Azure App Service resources, including app services, app service plans, and deployment slots, optimizing infrastructure deployment processes.
- Conducted thorough research on Azure App Service offerings and tools, providing informed recommendations to clients and utilizing Azure pricing calculator to estimate project budgets accurately.
- Analyzed existing on-premises architectures and designed and configured scalable and resilient architectures on Azure App Service, facilitating the seamless migration of on-premises applications to the cloud.
- Orchestrated the setup of Azure App Service environments for development teams, enabling streamlined DevOps activities and administering them for optimal performance.

- Acted as a trusted advisor to clients, implementing best practices and solutions in Azure App Service environments, including configuring custom domains, SSL certificates, and scaling options.
- Designed and implemented backup solutions and disaster recovery strategies specific to Azure App Service, leveraging features like Azure Backup and Azure Site Recovery for data protection and business continuity.
- Established a Continuous Delivery framework using Azure DevOps and Azure Pipelines tailored for Azure App Service, enabling automated deployment of applications to Azure cloud servers.
- Collaborated closely with developers to establish effective version control strategies using Azure DevOps and GIT, ensuring smooth code management and deployment workflows.
- Configured and managed web applications running on Azure App Service, including setup, deployment, and monitoring, to ensure optimal performance and reliability.
- Implemented high availability and fault-tolerant configurations on Azure App Service using features like auto-scaling, redundancy options, and traffic routing.
- Demonstrated expertise in Continuous Integration and Continuous Deployment (CI/CD) practices tailored for Azure App Service, utilizing Azure DevOps pipelines for automated build and deployment processes.

Environment: Microsoft Azure Cloud Platform, Azure App Service, Azure Storage Account, Vnet, Azure DevOps, Azure Pipelines, Git version control.

Project: 4

Client: Kijiji, Toronto, Canada
Role: Azure Cloud Admin

Description: Kijiji is a classified ad site where users can sell services and products online. The role was to provision infrastructure in the cloud and administer resources, configure, and update. The collaboration between various teams on different projects was crucial.

Responsibilities:

- Designed and deployed a variety of applications leveraging Azure services, including Virtual Machines, Azure Storage, Load balancer, Vnet, VPN.
- Creating Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.
- Troubleshoot issues with the Virtual Machines running in Azure and Virtual Networks connecting to Azure.
- Troubleshooting Azure VM issues with the help of Boot Diagnostics, Reset Password/Configuration, Serial Console, Connection troubleshoot/ Run Command, Reapply and Redeploy.
- Snapshots and backup of Azure VM.
- Understanding of Availability zone, Availability set, Understanding on Azure Disaster Recovery, Azure Storage Explorer, Azure AD RBAC.

Environment: Azure VM, Azure Storage, Vnet, Subnet, NSG, Backup, Snapshot, RBAC

Project: 5

Client: Etisalat, Abu Dhabi, UAE

Role: Azure Cloud Admin

Responsibilities:

- Designed and deployed a variety of applications leveraging Azure services, including Virtual Machines, Azure Storage, Load balancer, Vnet, VPN.
- Creating Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs, and subnets.
- Troubleshoot issues with the Virtual Machines running in Azure and Virtual Networks connecting to Azure.
- Troubleshooting Azure VM issues with the help of Boot Diagnostics, Reset Password/Configuration, Serial Console, Connection troubleshoot/ Run Command, Reapply and Redeploy.
- Snapshots and backup of Azure VM.
- Understanding of Availability zone, Availability set, Understanding on Azure Disaster Recovery, Azure Storage Explorer, Azure AD RBAC.

Environment: Azure VM, Azure Storage, Vnet, Subnet, NSG, Backup, Snapshot, RBAC

Project: 6

Client: Etisalat, Abu Dhabi, UAE

Role: L1 Support

Responsibilities:

- Managing the day-to-day running of the Windows network infrastructure. Providing support to various and resolving all the tickets on time.
- Providing all the possible & alternate solutions within a predetermined time for the issues related to Operating systems, Software, Hardware, and Networking.
- Configuring and maintaining E-mail clients like MS Outlook.
- Installing user-required software & troubleshooting hardware-related issues - Processors, Motherboards, RAM, Optical drive.
- Resolving performance issues – Overheating, Blue Screen of Death (BSOD), system shutdown, No boot, slow performance.
- Linux patching and update management.

Environment: Windows and Linux.

Certifications:

1. Azure Fundamentals [AZ - 900] (Certification number: DC2343-DC9C6A).
2. Azure Administrator Associate [AZ - 104] (Certification number: 83629G-C454E4).
3. Azure Solutions Architect Expert [AZ - 305] (Certification number: 3DAF5F-9E3E4D).