

Name – Nageswarao.P
Azure DevOps Engineer

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Professional Summary:

- Having overall 4+ years of experience in IT as a Azure **DevOps Engineer** and **Azure Cloud** and **AWS** Services
- Experience (**Azure DevOps**) to automate CI/CD Pipeline to run automated builds and deploying web-based and mobile applications into test and production environments.
- Strong work experience with version control tools **GIT** and **SDLC** Environments
- Develop and understand project **CI/CD** Pipelines using **Jenkins**, **Azure pipelines** to automate End to End process.
- Build, operationalize, and maintain CI/CD solutions for our technology customers.
- Experience in Deploying Functional Apps, **Web Apps**, Event Hub, **AKS** Applications
- Good experience in **GIT branching** and **merging strategy** concepts.
- Provided the IAAS (Infrastructure as a Service) and PAAS (Platform as a Service) to the new customers in cloud platform.
- Having very good experience in writing **IAC** tools like **ARM** and **Terraform** Templates
- Having good experience in writing **PowerShell** scripts
- Migrating the virtual instances between the subscriptions
- Creating Web Apps and Add multiple **deployment slots** for testing.
- Uploading standard VM images\Custom images in **Azure cloud**
- Hands on experience of managing Microsoft Azure Services via Azure Portal & PowerShell
- Managing Azure **Resource Groups**, **VM Compute**, **VNET**, **Storage**, and **Azure Active Directory**
- Managing & **Monitoring** Audit logs in Azure
- Responsible for dealing with issues like server down, service failure.
- Design Azure virtual machines (VMs) and VM architecture for **IaaS** and **PaaS**; understand. **availability sets**, fault domains and update domains in Azure
- Azure **point-to-site (P2S)** and **site-to-site (S2S)** VPN
- Good understanding in Site-to-Site, Point-to-Site & Express Route VPN
- Managing IP addressing & Subnet in Microsoft Azure
- Responsible to manage services and capabilities as per the running Infrastructure & requirement.
- Managing Virtual disk allocation as per the Client & Application requirement
- Using Azure **Traffic Manager** to manage request of Microsoft Azure services for distribution.
- Managing Azure SQL Database security and Monitoring Azure SQL Database
- Managing Azure **Role-Based Access Control (RBAC)** for cloud resources

Technical Skills:

Cloud	Microsoft Azure, AWS, Azure DevOps, Azure Repos, GIT, CI/CD
Operating Systems	Windows server Family and Linux Flavors
Monitoring Tools	Azure Monitor
Build and Release	Azure DevOps, VSTS, Jenkins
SCM	GIT and GitHub, Azure Repos
Scripting	PowerShell, ARM Templates, Terraform
Deployment	App services, Azure Storage, Docker, Kubernetes, App Center

Organization: -

- Azure DevOps Engineer at Quadrant Technologies Ltd, Hyderabad. June 2021 – Till Date
- Technical Support Engineer at Nantes Systems private limited, Bangalore Nov 2019 – Feb 2021

Education: -

- **B. Tech**, Jawaharlal Nehru Technological University Kakinada, 2019.

Work Experience: -

Client: - Univar solutions (ChemPoint)

Role: - Azure DevOps Engineer

Project: - Product Site Deployments

Key Responsibilities: -

- Managing in Azure Repos following some approvals for PR with Branching Strategy and following some Policies build automation and Release Management with VSTS
- Create the YAML pipeline from scratch and modify it based on the requirements.
- Hosting and maintaining GitHub, Azure devops, debugging issues if there is any failure in broken.
- Azure Devops components build and maintain Azure pipelines build and Delivery pipeline.
- Installation and Troubleshooting Jenkins related problems.
- Develop and understanding of project CI/CD Pipelines to automate End to End process.
- Web based Static applications are deployed into the azure storage Blob and mobile applications are release into the app center and App store Connect.
- Coordinating with developers and testers for Build and deploy Related issues.
- Used Terraform Configuration management tool, to automate repetitive tasks, quickly deploys applications. Configuring and managing Virtual Machines using Windows Azure portal
- Configuring and monitoring Cloud services
- Work on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines (their host nodes) and associated virtual storage (Blobs, Tables, Queues)
- Worked on ARM Templates and Terraform
- Written PowerShell scripts for Azure Environment
- Experience in Deployment of Active Directory in a multi-domain, multi-forest environment.

- Configured Azure Virtual Networks (VNETS), subnets, Azure network settings, CIDR address blocks, DNS settings, security policies.
- Exposed Virtual machines and cloud services in the VNET to the Internet using Azure External Load Balancer
- Configured PAAS services like App service, App service plan.
- Provided high availability for IAAS VMs and PAAS role instances for access from other services in the VNET with Azure Internal Load Balancer.
- Deploying webpages into azure app services (PAAS) using File server
- Implemented high availability with Azure Resource Manager deployment models.
- Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
- Implementation and configuring of Azure backup.
- Setup Azure Virtual Appliances (VMs) to meet security requirements as software-based appliance functions (firewall, WAN optimization and intrusion detections)

Technologies: Git, GitHub, Azure repos, Azure devops, Sonar Cloud, Docker, Kubernetes, Terraform, ARM, Azure, App Center, App Store connect, VM, Insights, App services, AKS, Load balancer, Application gateway, Storage accounts (Blob, Table, files, Queue), VMSS, HA, LRS, GRS, Azure recovery Services, MySQL, IAAS, PAAS, SAAS, Azure Key vault

Role: Azure Engineer

Project: - Enterprise Applications

Key Responsibilities:

- Managing in Azure Repos following some approvals for PR with Branching Strategy and following some Policies build automation and Release Management with VSTS
- Attending Scrum, client communication verbal non- verbal. Building and managing Azure Infrastructure.
- Working on Microsoft Azure Cloud to provide IaaS support.
- Using the Azure devops for build and release management using service connections
- Provide the Azure cloud solution architecture to clients as per their requirement to setup Environment on Azure
- Provide Multi Site VPN solution to connect multiple networks in Azure.
- Configure the VMs in Availability Set to provide higher Availability for VMs
- Moving VHD one Azure Account to another Account also managing Managed Disks
- Configure and provide the Azure Traffic Manager solution to client for Load Balancing, High Availability, and fail-over.
- Coordinating with Microsoft to increase subscription limits like- Core limit, Cloud Services, etc.
- Provide the L2 support on Linux and Windows VMs
- Migrate the on premises VM on Azure using Recovery Service on Azure
- Maintaining LB, Traffic manager, VPN Express Route on Networking
- Discussion on the importance of Security, Monitoring and Notification features with Customer

Technologies: Visual studio Code, Azure repos, Azure Devops, Sonar Cloud, Docker, Terraform, ARM, Kubernetes, Azure Cloud, web apps, VM, AKS, Load Balancer, Traffic manager, Vnet, Storage accounts, IIS web server.

Declaration:

I hereby declare that the information provided in this resume is accurate to the best of my knowledge.

Feel free to customize this resume further based on specific requirements.

Place: Hyderabad

Signature
Nageswarao