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**Azure Devops Engineer** [**Email:**gururajachakrala2017@gmail.com](mailto:gururajachakrala2017@gmail.com)

**Summary**

* Having 7+ **years** of IT experience with 5+ **years of Cloud** and **DevOps** experience in Configuration management, Infrastructure automation, Continuous Integration and Delivery (CI/CD).
* Hands on experience in Configuration, SCM, Build/Release Management, Infrastructure as a code (IAC) and as **Azure DevOps** operations Production and cross platform environments.
* Experience in dealing with **MicrosoftAzure IaaS/PaaS** services like compute **Azure Virtual Machines**, **VNET, Subnets, Network services, SQL Databases, Storages, Azure Active Directory, Monitoring, Resource Groups, Express Route, VPN, DNS, Application Gateways, Auto-Scaling, VM Scale Sets, Load Balancer, Traffic Manager and Cloud Services**.
* Hands on experience in writing **Azure Resource Manager (ARM)** to deploy, update and delete multiple resources in **Azure** and **migrating** the on-premises resources to Azure with **Azure Site Recovery (ASR)** and **Azure backups.**
* Hands on experience in creating and maintaining Infrastructure for Applications in Azure Cloud using

**Terraform**. Building & Automating **CI/CD** pipelines for different applications.

* Expertise in Python scripting, **Azure AI**, and DevOps, specializing in implementing advanced AI-driven solutions within Azure DevOps pipelines.
* Demonstrated success in applying AI skills in the pharmaceutical industry to enhance operational efficiency and regulatory compliance
* Migration of on-premises applications to Azure Cloud, enhancing scalability and performance through optimized CI/CD pipelines.
* Managed end-to-end migration of legacy infrastructure to Azure, leveraging Azure DevOps, Terraform, for automated deployments.
* Implemented infrastructure as code (IaC) to automate the migration of workloads to Azure, reducing deployment time.
* Experience in **PowerShell** scripting for automation of technical activities.
* Extensive involvement **in Azure Backup, Azure Policies, Azure Key Vault** and **Tagging**.
* Integrated **Docker** container Orchestration framework using **Kubernetes** by creating pods, Config Maps and deployments.
* Troubleshoot any application issues raised by **DEV, QA & PROD** people. Responsible to make sure that application is always up and running.

**Skills**

* Cloud Platforms : Azure,Aws
* Infrastructure Provisioning Tools : Terraform
* CI/CD Tools : Azure Pipelines
* Build Tools : Maven, Ant, MS Build
* Containerization Tools : Docker, Kubernetes
* Source Code Management Tools : Git, GitHub, Gitlab, Azure Repos
* Configuration Management Tools : Ansible
* Artifact management Tool : Nexus, Azure Artifactory
* Logging & Monitoring Tools : Nagios, Azure Service Health, Azure Network Monitor
* Scripting & Programming Languages : PowerShell, Bash/Shell, YAML.
* Databases : MySQL, Bigdata, Snowflake
* Application/Web Servers : WebSphere, JBoss, Apache Tomcat, IIS
* Bug Tracking Tools : Jira, Snow, Azure Boards
* Operating Systems : Windows, Linux

**Experience**

**Consultant (Azure Devops Engineer) July 2023 – Till Date Infosys – Bangalore, KA**

**Client – McKesson Corporation (Pharma)**

**Responsibilities:**

* Designing and implementing Azure Solutions across a range of cloud models like **IaaS, PaaS, SaaS** and integrated on-premises, on-demand workloads with the Azure public cloud.
* Experience in using **Terraform** to create Azure services while ensuring no changes were made to the existing infrastructure.
* Acted as build and release engineer, deployed the services by **Azure DevOps** pipeline. Created and maintained pipelines to manage the IAC for all the applications.
* Designed delivery pipeline for different environments like **DEV, QA, UAT** and **PROD** implemented Azure DevOps as a continuous integration service.
* Configured Azure DevOps portal and created **Repos** for Source Code Management, configured Azure **Pipelines** for build operations, configured Artifacts in Azure DevOps for storing Artifacts, and configured **Boards** for daily scheduling, ticketing, and updating tasks.
* Implemented various terraform templates to provision wide range of resources in Azure and automated it by creating parameterized **YAML** pipelines in Azure DevOps.
* Leveraged **Terraform** templates for provisioning Virtual Networks, Subnets, VM Scale Sets, Load Balancers, and NAT rules and used Terraform Graph to visualize execution plan using the graph command.
* Migrated on prem to Azure by building Azure Disaster Recovery Environment, Azure Recovery Vault and Azure Backups from the scratch using **Power Shell script**.
* Experience in working on **Docker** components such as Docker Engine, and in creating Docker Images, Docker Compose, Docker Hub and handling multiple images for middleware installations, and domain configuration.
* Setting up AKS (**Azure Kubernetes Services**), a container orchestration platform on Cloud to deploy our applications onto it for better scaling and performance of the application and, developing CI/CD of our applications using Azure DevOps onto AKS (Azure Kubernetes) to achieve zero downtime of applications for our customers.
* Created and maintained **CI/CD** using tools Azure DevOps (VSTS) over multiple environments to facilitate an agile development process which is automated and repeatable, enabling teams to safely deploy code in Azure Kubernetes Services (AKS) by YAML scripting.

**Consultant, May 2020 – June 2023**

**Infosys ltd – Bangalore, IN and Calgary, Canada Client – Bayer (Pharma)**

**Responsibilities:**

* Created Azure infrastructure, including virtual machines, storage, and networking, ensuring high availability, performance, and security.
* Implemented and maintained CI/CD pipelines using Azure DevOps, automating build, test, and deployment processes for applications.
* Utilized infrastructure as code (IaC) principles to automate deployment and configuration of Azure resources using ARM templates and Terraform.
* Collaborated with development and operations teams to streamline processes and improve efficiency.
* Deployed the services by **Azure DevOps** pipeline. Created and maintained pipelines to manage the IAC for all the applications.
* Designed delivery pipeline for different environments like **DEV, QA, UAT** and **PROD** implemented Azure DevOps as a continuous integration service.
* Implemented various terraform templates to provision wide range of resources in Azure and automated it by creating parameterized **YAML** pipelines in Azure DevOps.

**Consultant, Nov 2017 – April 2020 Infosys ltd – Bangalore, KA**

**Client – Uniper Energy**

**Responsibilities:**

* Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS
* Amazon IAM service enabled to grant permissions and resources to users .Manage roles and permissions of users with the help of AWS IAM
* Included security groups , network ACLs ,Internet Gateways, and Elastic IP's to ensure a safe area for organization in AWS public cloud
* Perform automated deployments using scripts
* Responsible for understanding and analyzing the application requirements.
* installation, configuration, and management of Nexus Server.
* installation, configuration, and management Of DevOps Tools Gitlab and Jenkins
* Talend jobs issue resolution and support in production.
* Redshift, Snowflake, SAP-HANA, MySQL jobs context creation and managing connection via Talend.Integrating Talend with GIT and Nexus.

**Education**

* **B.E Computer Science and Engineering** from Anna University.

**Certificate**

* **AZ-104** Azure administrator Associate
* **Best Project Member** award is given by Infosys DNA,2023
* **Insta Award** is Given by Infosys Canada.

**Declaration**

I hereby declare that the above information is true according to the best of my knowledge and belief.

Place : Bangalore

Date : **(Gururaj)**