**Name:** Tejeshwar Reddy

 **Sr. Azure Devops Engineer**

**Phone: 510-854-1314**

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# Professional Summary:

**Experienced Azure DevOps Lead, SRE and Engineer with 10+ years** in Build and Release Engineering, Configuration Management, and Linux System Administration. Proven track record in robust CI/ CD pipelines, automation, and infrastructure management. Skilled in optimizing workflows, enhancing performance, and ensuring high availability. Strong in DevOps principles to streamline operations and accelerate time-to-market.

* Proficient in configuring Azure DevOps pipelines especially for **Dynamics CRM** application deployment, including defining build and release pipelines, setting up triggers, and configuring environments for automated deployment processes.
* Proficient in **Microsoft Azure** across **IaaS**, **SaaS**, and **PaaS**. Experienced in deploying and managing Azure services like Storage, **Azure Active Directory**, Virtual Machines, Blob Storage, SQL Database, **Azure Data Factory**, **Web Apps** deployment, using Application Insights for monitoring, Azure Sentinel for security, and Key Vaults for key management.
* Proficient in leveraging a wide range of **AWS services** and features to architect scalable, reliable, and secure cloud solutions. Deep understanding of AWS services such as EC2, S3, Lambda, RDS, Cloud Formation, and more.
* Proficient in leveraging **Terraform** to automate the deployment and management of cloud infrastructure, including **IaaS** and **PaaS** services.
* Experienced in **Kubernetes** orchestration and proficient in **Helm** charts for streamlined deployment and efficient containerized application management.
* Proficient in setting up and configuring **Prometheus** and **Grafana** stack for monitoring infrastructure, applications, and services.
* Proficient in deploying and configuring **Azure NetApp Files (ANF)** to provide high- performance, scalable file storage solutions in Azure cloud environments.
* Experienced with integrating **Azure NetApp** Files with other Azure services such as Azure Virtual Machines, Azure Kubernetes Service (AKS), and Azure Active Directory (AAD) for seamless application deployment and management.
* Leveraged built-in and custom connectors in **Azure Logic App** to transform data, trigger actions, send notifications, and automate tasks across different systems and platforms.
* Successfully migrated on-premises databases to Azure Blob Storage, and Azure SQL Database using **Azure Data Factory**, ensuring minimal downtime and data loss during the migration process.
* Experienced in **Python** and **Shell scripting** for task automation and rapid prototyping. Proficient in developing robust scripts to enhance operational efficiency.

# Technical Skills:

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| **Operating Systems** | Redhat Linux 6,7, Ubuntu 18/20 ,Windows 2008/2010,CentOS6,7 |
| **Automation Tools** | Azure Devops, Jenkins, Terraform, ARM Templates |
| **CI CD Tools** | Jenkins, Azure Devops, Github actions |
| **Build Tools** | Ant, Maven, MS Build, Gradle |
| **Version Control Tools** | Azure Repos, GIT, Bit Bucket |
| **Monitoring Tool** | Azure Monitor, Sentinel, Prometheus , Cloud Watch |
| **Cloud Environment** | Azure and AWS |
| **Scripting Languages** | Python, Shell Scripting, Powershell |
| **Database** | Mongodb, Postgress , Mysql , SQL |

**Education**

Bachelors degree from JNTUA University, Anantapuram, 2010 - 2014.

# Certifications:

AZ-104 – Microsoft Azure Administrator

AZ-400 – Designing and Implementing Microsoft Devops Solutions

# Professional Summary:

**Client: Optum (UHG) Nov 2021 – April 2024**

# Title : Azure DevOps Engineer Lead Responsibilities:

* Implemented **Azure policies** for multiple clients prior to Azure migration. Developed and enforced comprehensive policies for resource deployment, access controls, and compliance, ensuring smooth transition and alignment with organizational requirements.
* Implemented **centralized logging** in Azure, consolidating and analyzing logs for improved monitoring and troubleshooting across diverse environments.
* Developed scalable and resilient business processes by modeling workflows with **Azure Logic App's** visual designer, orchestrating complex sequences of tasks, conditions, and triggers.
* Proficient in deploying and configuring **Azure NetApp Files** (ANF) to provide high- performance, scalable file storage solutions in Azure cloud environments.
* Led creation of **Azure** and **AWS infrastructure with Terraform**, automating provisioning for consistency and scalability. Integrated Terraform with Jenkins for efficient CI/CD pipelines, managing and updating Azure environment seamlessly.
* Leveraged **Azure Data Factory**'s connectivity options, including self-hosted integration runtimes, to securely connect to on-premises data sources and initiate data movement to Azure storage and databases
* Designed and implemented Azure Data Factory pipelines for MongoDB, SQL DB, and MySQL DB data workflows, enabling seamless integration and synchronization across Azure.
* Designed and optimized **Azure App Services** for scalability and performance, utilizing features such as **auto-scaling**, **load balancing**, and performance monitoring to ensure optimal application performance under varying workloads
* Monitored and optimized Azure **IaaS** resources for performance, cost, and security using Azure Monitor, Azure Advisor, and Azure Security Center, identifying and addressing performance bottlenecks, security vulnerabilities, and cost inefficiencies.
* Proficient in optimizing Azure NetApp storage performance by implementing caching strategies, adjusting throughput settings, and utilizing advanced features such as snapshots and replication.

**Client: Infogain India Pvt LTd Oct 2020 – Aug 2021**

# Title: DevOps Engineer Responsibilities:

* Designed and implemented CI/CD pipelines in **Azure DevOps** for automating build, test, and deployment processes.
* Experienced in setting up CI pipelines to automate the build process for **Dynamics CRM solutions**, including compiling customizations, solution packaging, and performing automated testing to ensure code quality and compatibility.
* Manage risks and resolve issues that affect release scope, schedule, and quality Deployment
* Experienced in integrating Azure DevOps pipelines with source control systems such as Git, TFS, or Azure Repos, enabling version control, code collaboration, and automated deployment of changes to Dynamics CRM customizations.
* Utilized Azure Artifacts for managing and versioning dependencies, packages, and artifacts within the DevOps lifecycle.
* Integrated automated testing frameworks such as **Selenium** or NUnit into CI/CD pipelines for continuous testing and validation of software changes.
* Implemented and configured SonarQube for automated code quality analysis. Integrated seamlessly into CI/CD pipelines for enforcing standards and continuous improvement.
* Worked with Azure Kubernetes and Docker based cluster management environment Kubernetes.
* Experience in implementing Azure security best practices, including encryption at rest and in transit, Azure Key Vault, Azure Security Center, and Azure Policy.

**Client: Trianz Holdings PVT LTD, India Dec 2019 – Oct 2020**

# Title: Systems Engineer Responsibilities:

* Managed S1 and S2 issues via group chats and bridge calls, ensuring swift resolution and minimal downtime, meeting SLAs.
* Resolved domain connectivity issues by managing configurations and troubleshooting for seamless device integration, ensuring operational continuity and security.
* Proficient in Azure VNet and Subnet configuration, designing secure network architectures for efficient traffic routing and isolation to meet project needs.
* Implemented security best practices and compliance controls in Azure environments to protect against security threats and vulnerabilities.
* Coordinate with multiple teams to ensure builds are delivered and deployed on time.
* Contracted to serve as the JIRA Systems Administrator for the international JIRA/Confluence infrastructure, including all associated programs, plugins and systems.

**Client: Mintree LTD, India Apr 2015 – Aug 2018**

 **Title: Site Reliability Engineer**

 **Responsibilities:**

* End to End Infrastructure Monitoring.
* Identify and mitigate the service impacting issues on **MSDN** core components within Defined SLA.
* Created Virtual Machines in Azure cloud.
* Environment baselines for **Virtual** **Machines** and **Application** Configurations
* **SSL** **certificates** management.
* **Application** **Monitoring** and Troubleshooting.
* Troubleshoot and Provide **RCA** for **Major**/**Critical** Incidents/Outages.
* Deploy code changes into Test, UAT and Production environments.
* Applying Redirect rules on legacy sites.
* Experience in **Migration** from **on-prem to Azure cloud.**
* Managing secrets and certs in **Azure key vaults** which are required for configuring websites or applications.
* Create and Configure **Traffic Manager Profiles** to route traffic to **Web** **App** endpoints based on business requirement.
* Configuration of new alerts in **Azure** **Resources**.
* Responsible for availability and performance of Microsoft’s official websites such as MSDN & TechNet, Docs, Docs Learn and MVP including revenue generating Subscriptions, Visual Studio, Blogs, Wiki, Forums, Social, Search and Profile.
* Hands on SQL related issues.
* Responsible for SQL Server Database Backups, Restorations, Job failures, Cluster Management and High Availability.
* Familiar with Monitoring tools like App Insights, **SCOM**, **OMS** and **MS** Flow.
* Quickly **triage** and fix customer issues.
* Prioritization of issues based on overall **impact** and **immediate** impact.
* Update knowledge base with troubleshooting guides and lessons learned.
* Prepare weekly/monthly reports with alert trend using **Power** **BI** tool.
* Performance Monitoring and Resource Management of Hosts & VM’s.