MADDI VENKATA SAI MADHAV

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OBJECTIVE

Senior System Engineer with 3+ years of experience at Infosys, specializing in Microsoft Azure and DevOps practices. Proficient in architecting and automating cloud solutions, CI/CD pipelines, and infrastructure management. Expertise in implementing Azure DevOps services, Infrastructure as Code (IaC), and monitoring solutions to enhance deployment efficiency and system reliability. Strong background in Azure cloud services, integration services, and automation to drive operational excellence and business value.

EDUCATION

Bachelor of Computer Science, Bapatla Engineering College   2017 - 2021
Relevant Coursework: Algorithms, Object-Oriented Programming(OOP), DBMS, Web Technologies, Cloud Computing, Artificial Intelligence and Machine Learning

SKILLS

Cloud and Infrastructure Management	Microsoft Azure, Azure DevOps,Terraform,Kubernetes
Data Engineering and Analytics	SQL Server , Azure Data Factory ,Azure SQL Database
Automation and CI/CD Pipelines	Git & Version Control , Azure Pipelines , CI/CD Pipelines

EXPERIENCE

Azure Developer, FCT Project   Apr 2024 - Present
Infosys Limited   *Hyderabad*

- Spearheaded the implementation of CI/CD automation using **Azure DevOps.** - Led the development of cloud-based infrastructure using **Terraform** and **Kubernetes** for scalable deployments.
- Designed and managed **Azure Kubernetes Service (AKS)** and automated deployments using Helm charts.
- Configured **Azure Monitor** and **Log Analytics** to track system performance.
- Developed automated solutions for backup and disaster recovery in cloud environments.

Azure Developer, RECKITT Project   Jun 2023 - Apr 2024
Infosys Limited   *Hyderabad*

- Developed and deployed containerized applications using **Docker** and **Kubernetes** on **Azure Kubernetes Service.**
- Automated software release cycles using **Azure DevOps** and **GitHub** Actions.
- Designed and implemented robust monitoring solutions using **Prometheus** and **Grafana.**
- Enhanced system resilience by setting up disaster recovery solutions in **Azure**.
- Managed and optimized cloud cost using **Azure Cost Management** and budgeting tools.

Azure Developer, KPMG Project   May 2022 - Jun 2023
Infosys Limited   *Hyderabad*

- Designed and implemented CI/CD pipelines using **Azure DevOps** for continuous integration and deployment.
- Led the migration of on-premises infrastructure to Azure, optimizing performance and cost-efficiency.
- Automated infrastructure provisioning using **Terraform** and **ARM templates**, ensuring scalable deployments.
- Implemented security best practices using Azure Key Vault for managing secrets and access controls.
- Monitored system performance and reliability using **Azure Monitor** and **Log Analytics.**

CERTIFICATIONS

- Microsoft Azure Data Engineer Associate (DP-203).

- Microsoft Azure Data Fundamentals (DP-900).

- AZ-900: Microsoft Azure Fundamentals

- AZ-104: Microsoft Azure Administrator

- AZ-204: Microsoft Azure Developer Associate

AWARDS

- INFOSYS HALL OF FAME AWARD - 2024

- INFOSYS INSTAAWARD - 2023