Dheeman Das

Cloud Solution Engineer

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| **Kolkata, WB**

SUMMARY

Initiative-taking Azure DevOps Engineer with experience in designing and maintaining Azure infrastructure. Skilled in CI/CD, Azure AKS, Docker, PowerShell, and Terraform. Strong collaborator with a strategic approach and excellent communication skills. Eager to learn recent technologies.

PROFESSIONAL EXPERIENCE

Cloud Solution Engineer

ENSIM INDIA PRIVATE LIMITED (An INGRAM MICRO Company)

📅 04/2021 - Present   📍 Kolkata

- Developed and managed CI/CD pipelines using Azure DevOps tools, enhancing automation and efficiency.
- Designed, implemented, and maintained Azure infrastructure to support scalable and secure applications.
- Managed infrastructure-as-code using Terraform and other tools, ensuring consistent and repeatable deployments.
- Deployed and configured Azure resources, including VMs, Virtual Networks, Azure Storage, AKS, NSG, VNG, Azure Key Vault, and App Service for enhanced project integration and scalability.
- Deployed and managed Azure AKS clusters to support containerized applications.
- Proficient in secret management, securely storing sensitive data like API keys, connection strings, and passwords using Azure Key Vault or Azure DevOps Variable Groups, while avoiding hardcoded secrets for enhanced security.
- Implemented and maintained Docker environments, ensuring smooth integration with existing infrastructure.
- Automated administrative tasks using PowerShell scripts, improving operational efficiency.
- Designed and deployed monitoring and alerting solutions to enhance system reliability and minimize downtime using Azure Monitor and Grafana resolving issues promptly to maintain high availability.
- Configured role-based access control (RBAC) in Azure DevOps to restrict access to sensitive data and resources, effectively managing permissions and reducing the risk of unauthorized access.

EDUCATION

- **B. Tech: Computer Science | Asansol Engineering College**

  SGPA: 8.38/10 | 2017-2021

- **Higher Secondary| Vidyachakra**

  Percentage: 73.4/100 | 2015-2017

- **Secondary | Hemtabad Adarsha Vidyalaya**

  Percentage: 78.4/100 | 2014-2015

SKILLS

- **Cloud: Microsoft Azure.**
- **VCS: Git, GitHub, Azure Repo.**
- **IAC Tools: Terraform.**
- **Scripting: PowerShell, Azure CLI.**
- **Containerization Tools: Docker, Azure Kubernetes Service.**
- **CI/CD Tool: Azure DevOps Pipeline, Jenkins.**

PROJECTS

Go-Web-App-Devops-Project|DevOpsified

The main goal of this project is to implement DevOps practices in the Go web application. The project is a simple website written in Golang. It uses the net/http package to serve HTTP requests.

Automated Terraform Pipeline for Infrastructure Deployment

This project involves multi-tier microservices deployment on AKS with Azure Pipelines, containerization the application using Docker, andstored the docker image using Azure Container Registry for secure deployment.

Spotify-Playlist-Creation-with-Terraform

The main goal of this project is to enhance efficiency and productivity by automating tasks with Terraform. As a DevOps enthusiast, I leveraged Terraform to automate the creation of multiple Spotify playlists using Terraform.

Multi Microservices Deployment on AKS

The main goal of this project is to deploy multi-tier microservices on AKS using Azure Pipelines, containerize the application with Docker, and securely store the Docker images in Azure Container Registry.

ACHIEVEMENTS

- Received for doing multiple POCs and getting valuable feedback, appreciation from engagements
- Received for excellent work performance in the project.

CERTIFICATION

- **AZ-900: Azure Fundamentals**
- **AZ-104: Azure Administrator**
- **AZ-305: Azure Infrastructure Solutions**
- **AZ-400: Azure DevOps Engineer Expert**