Dheeman Das

Cloud Solution Engineer

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SUMMARY

Experienced Cloud Solutions Engineer with over 3+ years of expertise in managing and migrating cloud environments. Proficient in infrastructure management, troubleshooting, and optimizing performance. Skilled in Azure DevOps for seamless integration and automated deployment.

EXPERIENCE

Cloud Solution Engineer

Ingram Micro

📅 04/2021 - Present   📍 Kolkata

- Developed and maintained YAML-based pipeline configurations, providing a scalable and reusable approach to CI/CD processes.
- Utilized Azure DevOps for continuous integration, delivery pipelines, and Git version control.
- Implemented Azure Pipelines to automate continuous integration and continuous delivery, reducing deployment times by 60% and minimizing manual intervention.
- Deployed and configured Azure resources, including VMs, Virtual Networks, Azure Storage, AKS, NSG, VNG, Azure Key Vault, for enhanced project integration and scalability.
- 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.
- Automated cloud resource provisioning and deployment using PowerShell, Terraform and ARM Templates.
- Integrated Docker and Kubernetes (AKS) workflows into CI/CD pipelines using Azure DevOps and Argo CD automating the build, test, and deployment processes.
- Designed and deployed monitoring and alerting solutions to enhance system reliability and minimize downtime using Azure Monitor and Grafana.
- Led migration of Azure subscriptions from PAYG to CSP model, offering technical support and expertise, resulting in enhanced cost management and resource optimization.

EDUCATION

B.Tech: Computer Science & Engineering

Asansol Engineering College

📅 07/2017 - 08/2021   📍 Asansol, West Bengal

SGPA
8.38 / 10.0

Higher Secondary

Vidyachakra

📅 04/2015 - 05/2017   📍 Raiganj, West Bengal

Percentage
75 / 100

Secondary School

Hemtabad Adarsha Vidyalaya

📅 04/2014 - 05/2015   📍 Raiganj, West Bengal

Percentage
84 / 100

SKILLS

- **Cloud: Microsoft Azure.**
- **VCS: Git, GitHub, Azure Repo.**
- **IAC Tools: Terraform, ARM**
- **Scripting: PowerShell, Azure CLI**
- **Containerization Tools: Docker, Azure Kubernetes Service.**
- **CI/CD Tool: Azure DevOps Pipeline, Jenkins, Argo CD**
- **Azure Service: Azure VM, Azure Virtual Network, AKS, ACR, Azure Key Vault, Azure CLI, Azure Storage Account.**

PROJECTS

Automated Terraform Pipeline for infrastructure deployment

The project involves creating an automated Azure DevOps Terraform pipeline for infrastructure deployment, enabling continuous integration and continuous deployment (CI/CD) of resources defined in the Terraform infrastructure file. This pipeline will facilitate a faster and more efficient provisioning of resources in the Azure Portal.

Multi Microservice deployment on AKS

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

Azure PAYGO to CSP Migration Initiative

The project involves migrating resources from PAYGO to CSP azure subscription, for seamless transition and improved scalability, reliability and make it cost effective

CERTIFICATION

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