Dheeman Das

Cloud Solution Engineer
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OBJECTIVE:

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.

PROFESSIONAL EXPERIENCE

Ingram Micro Cloud (April 2021 - Present)

Cloud Solution Engineer (June2022 - Present)

- As a fresher, I was introduced to the world of **Azure Cloud**, **Azure DevOps**, **SDLC process**, **IAC**, and **Containerization** process.
- Gained a good understanding of Cloud Domain **Azure** and **Azure DevOps** Platform.
- Designed and executed **CI/CD pipelines** with **Azure DevOps** and **Jenkins** for projects, automating build,test, and deployment processes, leading to notable time savings and enhanced efficiency.
- Deployed and configured **Azure** resources, including **VMs**, **Virtual Networks**, **Azure Storage**, **AKS**, **NSG**, and **Azure Key Vault**, for enhanced project integration and scalability.
- Utilized **Terraform** and **Azure CI/CD** pipeline for IaC, automating Azure resource provisioning, enhancing deployment efficiency, and ensuring consistency.
- Led migration of **15+ Azure** subscriptions from **PAYG** to **CSP** model, offering technical support and expertise, resultingin enhanced cost management and resource optimization.
- Proficient in utilizing **Git** for version control, including managing repositories, branching, and merging code changes.
- Implemented **Docker** to containerize applications, stored images in **Azure Container Registry (ACR)**, and orchestrated deployments with **Azure Kubernetes Service (AKS)**, optimizing scalability and deployment efficiency.

Cloud Support Engineer (April 2021 – June 2022)

- Discovered, investigated, and fixed problems related to **Azure Cloud Infrastructure**, **Cloud Networking**, Azure **Virtual Machine**, **Office 365 applications**.
- Achievement: Received appreciation for securing first ever **CSAT** for **Office365** support troubleshooting following multiple others.

PROJECTS

Azure DevOps Terraform Pipeline

- Triggered by code check-in to Azure Repos, ensuring version control.

- CI pipeline executed Terraform commands (init, validate, fmt, plan) for validation and planning. Artifacts generated and published for CD pipeline consumption.

- CD pipeline consist of Deploy Stage and Destroy Stage, the Destroy Stage Required reviewer approval before deleting resources, ensuring control over environment cleanup.

- Integrated pipeline notifications directly to Microsoft Teams channel for monitoring and approval.

<u>Multi Microservice Project deployment on AKS</u>

- Implementing CI/CD Multi-Tier Architecture Microservices using Azure Pipelines and Argo CD.

- Configuring and Managing Argo CD(GitOps) for Continuous Delivery of Software.

- Containerized application using Docker, securely storing the image in Azure Container Registry.

- Deployed the microservices on to the Azure Kubernetes Service (AKS) using Argo CD.

SKILLS

- Cloud: Microsoft Azure
- Azure Services: Azure VM, Azure Storage Account, Azure Virtual Network, Azure
- CLI, AKS, ACR, Azure Key Vault
- Version Control System: - Git, GitHub, Azure Repos
- IAC Tool: - Terraform
- Containerization tool: - Docker, Azure Kubernetes Service
- CI/CD Tools: - Azure DevOps Pipeline, Jenkins

CERTIFICATION

- AZ-900: Azure Fundamentals
- AZ-104: Microsoft Azure Administrator
- AZ-305: Designing Microsoft Azure Infrastructure Solutions
- AZ 700: Azure Network Engineer Associate
- AZ-400 Azure DevOps Engineer Expert

EDUCATION

- B-Tech (CSE) || Asansol Engineering College Asansol || 8.38 SGPA   - 2021 Passout
- Higher Secondary || Sudarshanpur Dwarika Prashad Uchcha Vidyachakra || 73.4%   - 2017 Passout
- Secondary || Hemtabad Adarsha Vidyalaya || 84%   - 2015 Passout