ARAVIND MADIPOZU

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OBJECTIVE

Motivated Cloud & DevOps Engineer trained in Azure and Terraform with project experience in automation, networking, and container deployment. Seeking a role to apply my skills in building efficient cloud solutions and grow within a dynamic engineering team.

EDUCATION

Master of Commerce – IGNOU Open University Delhi 2020 Bachelor of Commerce

(Computers) – Siddhartha Degree College, Kukatpally 2017

10th Grade – Navajyothi High School 2012

CORE SKILLS

- **Cloud Platforms**: Microsoft Azure
- **Azure Services**: Azure Networking, Virtual Machines, Load Balancing, NSG, SQL Database, Disaster Recovery, Storage Account, Active Directory (Entra ID), RBAC, Key Vault
- **Monitoring Tool**: Azure Monitoring
- **Infrastructure as Code**: Terraform, ARM Templates
- **DevOps Tools**: Azure DevOps, Terraform, Ansible, Docker, Kubernetes, Git
- **Azure DevOps**: Pipelines (CI/CD), Repos, Artifacts, Test Plans, Boards
- **Version Control**: Git, GitHub, Azure Repos
- **Containerization**: Docker, Docker Hub
- **Orchestration**: Kubernetes
- **Operating Systems**: Windows, Linux

PROJECT EXPERIENCE

1.Azure 3-Tier Architecture Deployment

Duration: 3 Months
Tech Stack: Azure VM, VNet, NSG, Load Balancer, Azure Monitor, Terraform
Description: Designed and deployed a 3-tier architecture with Web, App, and DB layers ensuring performance and scalability.
Roles & Responsibilities:
- Designed VNet, Subnets, NSG rules and routing.
- Configured Azure Load Balancer for web and app tiers.
- Deployed Windows/Linux VMs and enabled monitoring.
- Configured automated backup policies.

2. Infrastructure Automation Using Terraform

Duration: 3 Months
Tech Stack: Terraform, Azure DevOps
Description: Automated end-to-end Azure infrastructure including RG, VNet, Subnets, Public IP, NIC, and VMs. **Roles & Responsibilities:**
● Created reusable Terraform modules.
● Integrated Terraform with Azure DevOps CI/CD pipeline.
● Managed remote state using Storage Account.

3.Docker & Kubernetes (AKS) Deployment

Duration: 2 Months
Tech Stack: Docker, Kubernetes, AKS,
Description: Containerized applications using Docker and deployed on AKS ensuring high availability.
Roles & Responsibilities:
● Built and pushed Docker images.
● Created Kubernetes deployments and services

4.Node.js Application Deployment on Cloud using DevOps Tools

Duration: 1 Month
Tech Stack: Azure DevOps, Git,
Description: Designed automated CI/CD pipeline integrating Terraform reducing deployment effort.
Roles & Responsibilities:
● Designed and deployed a **Node.js application** on cloud infrastructure with end-to-end automation.
● Containerized the application using **Docker** to ensure consistency across environments.
● Built **CI/CD pipelines** using **Azure DevOps / GitHub Actions** for automated build, test, and deployment.

Achievements:
● Secured first prize in badminton at degree college.

Certifications:
● Multi Cloud Certification – V Cube Software Solutions, Hyderabad