

# 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), Logic App, App Service, RBAC, Key Vault
- **Monitoring Tool:** Azure Monitoring
- **Scripting Languages:** Bash, PowerShell
- **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
- **Configuration Management:** Ansible
- **Configuration Language:** YAML
- **Build Tools:** Maven
- **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, Prometheus, Grafana

**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. Azure DevOps CI/CD Pipeline with Terraform**

**Duration:** 1 Month

**Tech Stack:** Azure DevOps, Terraform, Git, Key Vault

**Description:** Designed automated CI/CD pipeline integrating Terraform reducing deployment effort.

**Roles & Responsibilities:**

- Configured YAML pipelines for plan/apply stages.
- Integrated Git version control.
- Managed secrets using Azure Key Vault.

**Achievements:**

- Secured first prize in badminton at degree college.

**Certifications:**

- Multi Cloud Certification – V Cube Software Solutions, Hyderabad