



# Ramaraju D V

## Azure DevOps Engineer & AI

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[Profile](#) | [LinkedIn](#)  
[My Portfolio](#)

### Career Objective:

Certified Azure, AI, and DevOps Engineer seeking senior roles to drive cloud innovation and automation in a leading IT organization.

### Technical Skills:

- **Azure Services:**
  - IaaS, PaaS, SaaS, AI
- **DevOps:**
  - Azure CI/CD Pipelines
  - Jenkins Pipelines
  - GitHub Actions
- **Automation:**
  - Azure PowerShell
  - Azure CLI
  - Terraform
  - Bash, yaml, Python
  - Docker, Kubectl commands
- **Azure AI Services:**
  - OpenAI
  - Embedding
  - Search
- **AI:**
  - LLM Models
  - Vibe Coding
  - AI in IDE (VS Code)
  - Explored on AI tools
- **Azure Cloud:**
  - WebApps, VMs
  - Azure Kubernetes
  - Docker Containers, ACR
  - Azure Monitor
  - Storage
  - Network
  - Governance
  - Security
  - IAM & so on ...
- **Git & GitHub**
- **GitHub Copilot**
- **GitHub Actions/Workflows**
- **Linux, Windows**
- **Ansible**

### Professional Summary

- DevOps Engineer with over **12+ years of experience in the IT industry**, specializing in **Azure Administration, DevOps, Cloud automation Engineering, and AI Engineering** for global clients.
- Proven track record as an Azure Administrator, Azure DevOps Engineer, and Automations & AI Engineer, delivering scalable solutions and innovative automation to diverse international projects
- Designed, set up, and optimized CI/CD pipelines for multiple projects in Azure DevOps, Infrastructure and Application Deployment pipelines ensuring faster and reliable deployments.
- Administered and maintained self-hosted/cloud build agents, managed build artifacts, and streamlined release management.
- Troubleshooted and resolved CI/CD pipeline failures, reducing build downtime and improving developer productivity.
- Automated infrastructure provisioning and management using Azure PowerShell, ARM templates, Bicep, terraform pipelines to reduce manual interventions.
- Deployed and managed AI Agents (Azure OpenAI, GitHub Copilot, and automation bots) to accelerate code reviews, incident response, and pipeline optimizations.
- Implemented AI-powered RAG based LLM Chatbot models for internal users on Intranet Using Azure OpenAI, Embedding & hosting on Azure WebApp
- Managed Azure resources across subscriptions, including provisioning, governance, and decommissioning of resources.
- Implemented role-based access control (RBAC), permissions management, and governance policies to ensure secure usage of Azure resources. Conducted compliance and security audits across environments, ensuring adherence to industry standards and removing inactive users.
- Expertise on Configuration, Management and Supporting across multiple Azure Services like IaaS, PaaS, SaaS, Automations, DevOps & AI Services
- Built and maintained dashboards, shared queries, and custom widgets in Azure DevOps for better project visibility and tracking.
- Supported work item customization, project creation, team setup, and user permissions to streamline agile workflows.
- Defined and monitored key DevOps metrics (build failures, code quality, deployment frequency) to improve performance.
- Built and deployed Docker containers on Azure Kubernetes Service (AKS) Clusters to break up monolithic app into microservices using Helm charts, improving developer workflow, increasing scalability, and optimizing speed
- Maintenance and Troubleshooting: Steering routine application maintenance tasks as an ongoing responsibility. Troubleshooting existing information systems for errors and resolving errors
- Standardized DevOps best practices across projects, enabling consistent delivery pipelines and infrastructure automation.
- Worked on creating build and release pipeline definitions and used triggers, options, Retention Policy, history, stages, jobs, tasks and variables in YAML file.
- Worked with automating infra configurations using YAML code in a release pipeline.
- Monitored and optimized CI/CD pipelines to enhance performance, reduce build times, and improve resource utilization.
- Managed deployment, hosting, and scaling of .NET applications across development, staging, and production environments.
- Supported for multiple global clients on Azure Infrastructure for Configuration, Management and implementing Automation solutions as per the requirements

## Core Competencies:

- Project Planning
- Solution Installation, Configuration & Management
- Application Deployment
- Infrastructure as Code
- WebApps and Network
- Deployment issues
- Application Maintenance & Troubleshooting
- Requirements & Procedure Design
- Service Management
- Requirement Gathering
- System Maintenance & Evolution
- Azure Cloud Architecture & Design

## Soft Skills:

- Analytical
- Presentations
- Demos & Trainings
- Communications
- Critical Thinking
- Problem Solving
- Innovation
- Relationship Building
- Teamwork
- Attending Workshops

## Education:

**2010**  
Master of Computer Application from  
Bangalore University

**2007**  
Bachelor of Science from Gulbarga  
University

## Personal Details:

**Name:** Ramaraju D V  
**Address:** Hyderabad, India  
**Languages Known:** English & Hindi

- Project Planning: Participating in strategic project - planning meetings, providing guidance and expertise on system options, risk, impact and costs vs. benefits, sharing operational requirements and development forecasts to allow for timely and accurate planning of projects
- Successfully developed and maintained tools, solutions and micro services associated with deployment while ensuring compliance with standards
- Deployment: Leading automated deployments using configuration management technology. Creating modules ready for production
- Performance Management: Evaluating existing applications and platforms, extending recommendations for enhancing performance via gap analysis, identifying the most practical alternative solutions and assisting with modifications
- Expert in providing 24x7 production support of Applications on cross platforms
- Skilled in implementing, configuring, securing, performance & load balancing, system administration, software deployment, and support of our scalable cloud environment
- Built and deployed AI models using Azure OpenAI Models for testing in personal environments using RAG, Embedding, Azure Search Service and hosting using streamlit in local and webapps in Azure

## Certifications

- Azure DevOps Engineer Expert (Az-400)
- Microsoft Azure Administrator Associate (Az-104)
- Azure AI Fundamentals (AI-900)
- Azure AI Engineer Associate (AI-102)
- GitHub Copilot (GH-300)

## Work Experience

TCS limited, Hyderabad, India | Technical Lead | Since January'23

Ernst & Young, Hyderabad, India | Technical Lead | November'21 – January'23

Wipro Ltd., Hyderabad, India | Senior Project Engineer | October'19 – October'21

Mindtree Ltd., Hyderabad, India | Senior Engineer | April'17 – October'19

Fujitsu India Pvt. Ltd., Bangalore | Technical Consultant | August'16 – February'17

Financial Software & Systems Pvt. Ltd., Bangalore | Senior Technical Associate | April'13 – August'16

Growth: Technical Associate  Senior Azure DevOps Engineer

### Key Result Areas: (Across the Career)

- **Working:**
  - As DevOps Engineer, Cloud Engineer and dealing with global clients
  - Automating the infrastructure and applications using CI/CD and automations
  - Deployment of Infrastructure using the Terraform code
  - With Azure IaaS and PaaS services provisioning, configuration, deployment, management & support
  - Azure resources Provisioning and Configuration through Portal and Scripting tools like: Azure PowerShell, Azure CLI, ARM, Terraform
  - On cloud monitoring tools such as Zabbix, Azure Monitor, Splunk
  - On Workbooks creation for visualization across all the subscriptions
  - Integration of Logic Apps and Function Apps for Azure Monitor Alerts as per the requirement
- **Developing:**
  - Terraform code for automating infrastructure provisioning to Azure
  - Azure Boards, Azure Artifacts and Azure Repos
  - Azure PowerShell, Runbooks & ARM templates
  - AI models for testing in local on personal environments using, Azure AI services and hosting on WebApps as frontend.

- **Creating:**
  - CI/CD Pipelines in Azure DevOps
  - Integration of security tools in pipelines for vulnerability scanning
  - Docker Containers, Container Registries and managing Azure Kubernetes Service
  - The new API's in APIM as per the requirements
- **Configuring:**
  - Application Gateway and Standard Load Balancers
  - The CosmosDB databases in Azure
  - The Application Insights Monitoring for Applications
  - Storage account, Resource group, VNETs, Subnets
  - Azure Backup Vault and Recovery Service Vaults, Alerting mechanism
  - Log Analytics Workspace and Kusto Queries for Alert configurations
- **Managing:**
  - Virtual networks, Storage accounts, resource groups and Backups
  - Premier Microsoft customers on Architecture Design of cost-effective scalable Cloud based solutions using PAAS/IAAS models
  - Microsoft Azure (Public) Cloud to provide IaaS support to client
  - Relationship with the global customer/partner's technical team
- **Other Activities:**
  - Provisioning Azure WebApp (App Services) and troubleshooting on issues with webapps
  - Playing as a point of contact for all proactive technical engagements from Microsoft for Microsoft Partners/Customers
  - Testing the URL's/APIs through Swagger, Postman and APIM
  - Setting up end-to-end Monitoring Solution for our infrastructure
  - Retrieving the data using KQL (Kusto Query Language), Azure Resource Graph and pin to dashboards

## Highlights

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- Gained extensive experience on Azure DevOps with dotnet and Java application-based Build and Deployments with Docker and AKS
- Worked as individual contributor as DevOps engineer for go-live project
- Supported parallel projects for setting up CI/CD pipelines for application deployment with design, timelines and go-live with dev, QA and Prod environments.
- Developed multiple AI models like LLM, RAG LLM, Azure AI Service for testing & POC
- Gained extensive experience in IAM/RBAC and Access related tasks both at Portal level, VM level & Governance like applying policies in Azure Infrastructure
- Acquired knowledge in Azure Monitor Service for Monitoring the IAAS and Application workloads
- Experienced with V-Net to V-Net connectivity like Peering, Virtual Network Gateway & Governance (Policy Assignment and Remediation)
- Experience with Scrum & Agile based methodology of working
- Hands-on Knowledge in ITIL process and on release management and change management process