

Gurram Mani Karthik

 GitHub |  LinkedIn |  manikarthikgurram2001@gmail.com |  +918367763427 |  Portfolio

SUMMARY

DevOps Engineer with hands-on experience in AWS, Azure, Terraform, Docker, Kubernetes, Linux, and CI/CD automation. Azure Fundamentals certified with expertise in cloud infrastructure, GitOps, and enterprise BizTalk integrations. Skilled in automating deployments, improving system reliability, and collaborating in Agile/DevOps environments.

WORK EXPERIENCE

AI Cloud Engineer, ARCAP REIT AI SOLUTIONS

July 2025 – Present

- Implemented solutions using Python across Azure and AWS environments, working with compute, storage, and networking resources.
- Attended technical training on cloud foundations and applied knowledge in lab environments to safely validate solutions before production deployment.
- Collaborated with DevOps teams to resolve deployment challenges and document workflows across sandbox environments.
- Designed and managed cloud infrastructure setup, automated deployments, and configured monitoring for improved reliability.
- Gained hands-on experience in multi-cloud environments (Azure, AWS, GCP) leveraging services such as EC2, S3, IAM, and Azure Virtual Machines.

Application Development Associate, Accenture, Hyderabad

Nov 2022 – Feb 2024

- **Coop Application Retail Project:** Worked with BizTalk, C#, Azure DevOps, TFS, and Microsoft SQL Server.
- Utilized Azure DevOps to migrate 112 integrations from BizTalk Server 2016 to BizTalk Server 2020.
- Hands-on experience with Azure DevOps Classic Pipelines.
- Utilized BTDF, Visual Studio, MSI Applications, and Azure DevOps to develop and deploy BizTalk integrations across development, QA, and production environments.
- Written and executed SQL Queries for optimizing queries and troubleshooting.
- Developed automation for Azure Blob Service Key Expiry using C# and ADO.Net, reducing manual monitoring effort by an average of 38 hours per month.
- Attended and worked with containerization platform Docker to containerize applications.
- Worked in Agile and DevOps methodologies.
- Participated in on-call activities and resolved around 90% of on-call P1 and P2 priorities within SLA.

Gen C Trainee, Intern, Cognizant, Hyderabad

Feb 2022 – July 2022

Trained in SQL, NoSQL, SDLC, and Agile methodologies.

CONTRIBUTION

Founding , Yanserv (Startup)

March 2024 – Present

- Contributed to startup product from ideation to launch, handling technology, design, deployment.
- Shaped product roadmap, aligning user needs with technical feasibility for MVP.
- Designed AWS architecture (EC2, S3, EKS, Lambda) and planned application re-hosting to S3.

PROJECTS

AWS Infrastructure Automation

Automated AWS infrastructure (EC2, VPC, S3, IAM) with Terraform, reducing provisioning time.

Enterprise Integration Migration

Migrated 112 BizTalk integrations to 2020 using Azure DevOps; automated key expiry.

EDUCATION

2018 – 2022 Bachelor of Technology (ECE), **SRKR Engineering College**

CERTIFICATIONS

Technical - Azure Fundamentals (AZ-900), AWS Educate: Cloud Computing 101, CloudOps
Learning - PCAP - Python Programming, AI for Everyone (IBM)

SKILLS

Cloud Platform:	AWS, Azure
Infrastructure as Code - IaC:	Terraform, Azure/AWS CLI
CI/CD:	Azure DevOps, Jenkins, Argo CD, GitOps
Containerization:	Docker, Kubernetes, AKS, EKS, Helm
Monitoring:	Prometheus, Grafana
Configuration Management:	Ansible
Version Control:	Git, GitHub, Azure Repos, TFS
Programming:	Python, C#, Shell Scripting
Operating System:	Linux, Windows
Database:	MS SQL
ITSM/ITIL:	ServiceNow

AI CONTRIBUTIONS

Prompt Engineer Contributed to Outlier Gen AI, code refactoring, SOTA model training.