

# Sumanth Bade

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## Professional Summary

DevOps & Cloud Engineer with 2 years of hands-on experience in designing, automating, and managing cloud-native infrastructure across Microsoft Azure, AWS, and GCP. Skilled in Infrastructure as Code (Terraform, Bicep, Ansible), CI/CD pipeline automation (Jenkins, Azure DevOps, GitHub), and container orchestration (Docker, Kubernetes, AKS). Proven ability to deliver scalable, secure, and cost-optimized solutions with strong expertise in monitoring, automation, and system reliability.

## Core Skills

- Cloud Platforms: Microsoft Azure (VMs, VNets, Load Balancer, Application Gateway, Key Vault, Private Endpoints), AWS, GCP
- CI/CD & Automation: Jenkins, Azure DevOps, GitHub, Bitbucket, Maven, Gradle
- Infrastructure as Code: Terraform, Azure Bicep, Ansible
- Containers & Orchestration: Docker, Kubernetes, AKS, Helm, NGINX Ingress
- Monitoring & Logging: Prometheus, Grafana, Loki, EFK/ELK Stack
- Security & Access: Microsoft Entra ID (Azure AD), RBAC, Managed Identities, SSL/TLS
- Scripting & Tools: Bash, Python, Git, SonarQube, Kafka, Linux/Windows Administration

## Experience

### DevOps & Cloud Engineer – Adaequare Info Pvt Ltd, Hyderabad (Oct 2024 – Present)

- Automated Azure infrastructure provisioning using Terraform and Bicep, enabling repeatable and consistent multi-environment deployments.
- Built and deployed containerized applications on AKS using Jenkins CI/CD integrated with GitHub, Gradle, and ACR.
- Implemented secure authentication with Microsoft Entra ID (Azure AD) and enforced RBAC with private endpoints.
- Optimized Jenkins pipelines and Docker images, reducing build time by 30% and improving deployment reliability.
- Integrated SonarQube for automated code analysis and stored build artifacts in Azure Blob Storage.
- Configured monitoring solutions with Prometheus, Grafana, and automated provisioning using Ansible and Bash.
- Troubleshoot and stabilized Kafka/Zookeeper clusters ensuring high availability and low latency.

### DevOps Engineer – CoreLogic (GCP IaC Project) (Feb 2024 – Oct 2024)

- Designed and provisioned multi-environment GCP infrastructure using Terraform, automating VPC, subnet, and VM creation.
- Developed Jenkins pipelines to manage infrastructure and configuration across multiple GCP projects.
- Created custom Docker images for Jenkins agents with Terraform, Ansible, and SDKs preinstalled, streamlining CI/CD workflows.
- Implemented dynamic Ansible playbooks to fetch VM inventory using host tags, automating deployments with zero manual intervention.

## Education

Bachelor of Technology (B.Tech) – Raghu Engineering College, Visakhapatnam (2021)

## Key Achievements

- Delivered end-to-end DevOps solutions including AKS deployments, managed identities, and secure ingress with NGINX.
- Implemented Infrastructure as Code across Azure and GCP, reducing deployment time by 40% and minimizing errors.
- Established CI/CD pipelines integrating automated testing, code quality checks, and multi-cloud deployments.