

# Sumanth Bade

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## Professional Summary:

A Result Oriented Accomplished Jr. DevOps Engineer with Hands on Knowledge on Azure, Linux and DevOps.

- ✓ Designing, implementing and supporting fully automated infrastructure provisioning and application deployments using **Azure Bicep, Kubernetes, GitHub, Jenkins, Maven, and Azure Container Registry (ACR)**.
  - ✓ Designed, deployed, and maintained a centralized monitoring and logging stack using **Prometheus, Grafana, and Loki**, enabling real-time metrics visibility, log aggregation, and proactive alerting in different environments.
  - ✓ Performed critical system maintenance tasks including **Jenkins** backup and restore, **Ubuntu OS upgrades**, and **disk swapping**, ensuring high availability and performance stability across environments.
  - ✓ Hands-on working knowledge in identifying and resolving deployment and connectivity issues across services, ensuring minimal downtime and stable environments.
  - ✓ Implemented **SSL/TLS** certificates in **Azure Kubernetes Service (AKS)** to enable secure communication between services by configuring **Ingress controllers** (e.g., NGINX) with HTTPS termination to enforce secure service access.
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## Work Experience:

### Junior DevOps Engineer | Adaequare Info Pvt Ltd | February 2024 – Present

- ✓ Automated infrastructure provisioning in **Microsoft Azure** using **Bicep**, enabling consistent and repeatable deployments aligned with Infrastructure as Code (IaC) principles.
  - ✓ Deployed containerized applications to **Azure Kubernetes Service (AKS)** using **Jenkins CI/CD** pipelines integrated with **GitHub, Maven, and Azure Container Registry (ACR)**.
  - ✓ Configured Redis cache with password-based authentication and access controls to enable secure, high-performance caching across multiple environments.
  - ✓ Automated deployment of a multi-broker **Apache Kafka** cluster in KRaft mode, achieving high availability and removing dependency on **ZooKeeper**.
  - ✓ Implemented **private endpoints** to restrict communication within the **Azure Virtual Network**, and leveraged **Managed Identities** and **RBAC** for secure, role-based access control between resources.
  - ✓ Integrated **SonarQube** into CI/CD pipelines for continuous code quality analysis and used **Azure Blob Storage** for storing artifacts and logs.
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## Technical Skills:

- ✓ Cloud Platforms: **AWS, Azure, GCP**
  - ✓ Version Control: **GitHub, Bitbucket**
  - ✓ CI/CD & Configuration Management: **Jenkins, Azure DevOps, Ansible, Maven**
  - ✓ Containers & Orchestration: **Docker, Kubernetes**
  - ✓ Infrastructure as Code: **Terraform, Azure Bicep**
  - ✓ Artifact Management: **Azure Container Registry (ACR), Docker Registry**
  - ✓ Monitoring & Logging: **Prometheus, Grafana, Loki, EFK (Elasticsearch, Fluentd, Kibana)**
  - ✓ Scripting & Automation: **Bash, Python**
  - ✓ DBMS: **MySQL**
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## Contributions:

- ✓ [GitHub](#)
  - ✓ [Monitoring Stack](#)
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## Education:

**Bachelor of Technology (B.Tech)** – Raghu Engineering College, Visakhapatnam, Andhra Pradesh.

