

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: **Azure**
 - ✓ 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.

