**Konda Reddy N**

**📧** [**konda.r.nagireddy@gmail.com**](mailto:konda.r.nagireddy@gmail.com) **📱 +91-9390140182**

**Objective**

Senior DevOps Engineer with 8+ years of experience in automating infrastructure, managing CI/CD pipelines, and deploying containerized applications across cloud and hybrid environments. Expertise in Azure, Azure DevOps, Terraform, Docker, and Kubernetes (AKS). Proficient in IaC, monitoring with Prometheus, and Agile/Scrum delivery for scalable, reliable, and secure systems.

**Summary of Experience**

* 8+ years of experience as a DevOps Engineer, automating, configuring, and managing infrastructure in hybrid cloud and on-prem environments.
* Expertise in CI/CD pipeline implementation using Jenkins, Git, Maven, and Bitbucket.
* Skilled in containerization and orchestration with Docker and Kubernetes, including production deployments on Azure Kubernetes Service (AKS).
* Proficient in Infrastructure as Code (IaC) using Terraform and Ansible for scalable, version-controlled provisioning and configuration.
* Experienced in monitoring and observability using Prometheus, Grafana, Zabbix, and Azure Monitor.
* Strong scripting background in Python and Shell for automating operational and system-level tasks.
* Hands-on experience deploying and managing web/application servers including Nginx, Apache HTTPD, Tomcat, and WebSphere.
* Proven success in building and managing cloud-native applications using Docker, Kubernetes, and Azure.
* Collaborated with cross-functional teams, including business stakeholders, architects, and developers, to design and implement scalable DevOps solutions aligned with organizational goals.
* Acted as a Team Lead, mentoring junior engineers, managing task assignments, and ensuring timely delivery of CI/CD and infrastructure automation projects.

**Education**

**B.Tech in Computer Science & Engineering**, KITS, JNTU Kakinada – Graduated 2013

**Work Experience**

**Accenture,** Senior DevOps Engineer, Hyderabad – Sep 2021 to Present

**Capgemini,** DevOps Engineer, Bangalore – Sep 2017 to Sep 2021

**🔧 Core Technical Skills**

* **Cloud & Containers:** Azure (AKS, DevOps), AWS (EC2, S3), Docker, Kubernetes
* **CI/CD & DevOps:** Jenkins, GitHub, GitLab, Azure DevOps, Bamboo.
* **IaC & Automation:** Terraform, Ansible, Shell, Python  
  Monitoring & Logging: Prometheus, Grafana, Zabbix, AppDynamics.
* **Configuration & Deployment:** Nginx, Apache2, WebSphere, Tomcat, Artifactory
* **Build & Version Control:** Maven, Ant, Git, SVN
* **Databases & Messaging:** PostgreSQL, MySQL, Oracle

**Project Details**

**Senior DevOps Engineer – ASML**

📍 Nov 2022 – Present | Accenture

**Environment:** Azure, AKS, Azure DevOps, Jenkins, Terraform, Docker, Helm, Grafana, Prometheus, AppDynamics, ThousandEyes, PostgreSQL, GitLab, GitHub, Spotfire

**Key Contributions:**

* Led the migration of the **Spotfire analytics platform** from on-premises to **Azure Kubernetes Service (AKS)**, enabling scalable, cloud-native deployments.
* Containerized Spotfire components using **Docker** and deployed them on AKS using **Helm charts** for repeatable and maintainable releases.
* Built and managed **CI/CD pipelines** in **Azure DevOps and Jenkins** to automate deployment workflows to AKS clusters.
* Re-architected infrastructure for Azure compatibility, including **persistent volumes**, **external authentication**, and **data source integration**.
* Integrated enterprise monitoring using **Prometheus** and **Grafana** for full-stack observability and real-time system insights.
* Implemented **KEDA** and **Horizontal Pod Autoscaler (HPA)** for dynamic autoscaling based on custom Prometheus metrics and resource thresholds.
* Collaborated with **cloud architects and security teams** to ensure alignment with enterprise governance and compliance standards.
* Authored **runbooks and technical documentation** to support operations, troubleshooting, and future platform enhancemen

**DevOps Engineer – SAP**

📍 Sep 2021 – Nov 2022 | Accenture

**Environment:** Kubernetes, Jenkins, GitHub, Docker, Terraform, Linux,Azure DevOps

**Key Contributions:**

* Designed and built CI/CD pipelines using Jenkins and GitHub, streamlining build, test, and deployment workflows.
* Managed production-grade Kubernetes clusters, ensuring high availability, scalability, and performance of microservices.
* Implemented GitOps delivery using Argo CD for consistent, secure, and auditable deployments.
* Containerized applications using Docker to support portable and consistent environments.
* Created reusable Terraform IaC modules to provision and manage infrastructure efficiently.
* Integrated monitoring and alerting tools to improve system visibility and enable proactive issue resolution.
* Partnered with cross-functional teams (Dev, QA, Ops) to ensure production readiness and deployment success.

**DevOps Engineer – ANZ Bank (Monitoring & Automation)**

📍 Jan 2019 – Sep 2021 | Capgemini

**Environment:** Zabbix, Grafana, Ansible, Jenkins, Shell, MySQL, Bitbucket, ServiceNow

**Key Contributions:**

* Implemented and maintained monitoring for **8,000+ servers** across RHEL, AIX, Solaris, and Windows in ANZ's non-production environments.
* Designed and deployed **Grafana dashboards** integrated with Zabbix to deliver real-time infrastructure insights.
* Automated **Zabbix agent deployments** using Ansible playbooks, improving consistency and deployment speed.
* Monitored web applications and infrastructure using **Zabbix** .
* Managed **incident, change, and request workflows** via ServiceNow, aligning with ITSM processes and improving operational response.

**Build & Release Engineer – ANZ Bank (Falcon Project)**

📍 Feb 2017 – Jan 2019 | Capgemini

**Environment:** Linux/Unix, Jenkins, SVN, Maven, Bamboo, UCD, WebSphere, Tomcat

**Key Contributions:**

* Automated build and release processes for Falcon (real-time fraud detection system), ensuring high availability across DEV to PROD environments.
* Installed, configured, maintained, and upgraded Jenkins CI/CD servers, ensuring stable and high-performing integration across development stages.
* Performed SVN branching, merging, and backup operations to manage source code versions effectively.
* Set up and configured Jenkins CI/CD pipelines using SVN, Maven, JFrog Artifactory, and SonarQube for automated build, test, and code quality analysis.
* Deployed Java-based applications to WebSphere and Tomcat application servers across multiple environments.