Ramamohan S
Lead DevOps Engineer
📞 +91-9502594914 ✉️ ramsirigi3@gmail.com in **Linkedin**

Objective

Results-driven DevOps leader with 11+ years of experience in architecting and optimizing CI/CD pipelines and cloud-native infrastructure across multi-cloud environments (Azure & GCP). Proven expertise in Kubernetes cluster administration, Infrastructure as Code (Terraform), and containerized deployments, enabling faster release cycles and enhanced platform reliability. Adept at delivering automated, scalable solutions aligned with business objectives while fostering innovation through modern DevOps practices.Passionate about advancing Kubernetes mastery and leveraging AI-driven development tools to transform workflows. Actively pursuing certifications including **Certified Kubernetes Administrator (CKA)** and **GitHub Copilot** to accelerate automation and innovation in cloud ecosystems.

Technical Skills

Azure, GCP, DevOps, Kubernetes, Terraform, Ansible, CICD(Azure DevOps, Jenkins, GitHub Actions, ArgoCD), Site Reliability Engineer, Git, GitHub, Azure Repos, Bash, Python, Datadog, BigPanda, PagerDuty, Hashicorp Vault, Fortify, Jira, ServiceNow

Experience

Lead DevOps Engineer, **UST Global** - Bangalore,   July 2022 – Present

Responsibilities:

- Designed and implemented **CI/CD pipelines** to streamline development and accelerate release cycles.
- Managed and optimized **cloud infrastructure** across Azure and GCP, including provisioning, configuration, and automation.
- Automated deployments and configurations using **Ansible and Terraform**, reducing manual effort and improving reliability.
- Built and deployed **containerized solutions** with Kubernetes and Docker for multi-cloud environments.
- Implemented enterprise-grade **monitoring and observability** solutions using Prometheus, ELK, and custom alerting systems.
- Integrated and operated HashiCorp Vault with Terraform, Azure DevOps, and GCP, deploying Vault in highly available configurations and implementing dynamic secret engines for automated credential management.
- Conducted **performance optimization** for cloud and on-prem environments, ensuring scalability and efficiency.
- Led **cloud adoption strategies**, cost optimization initiatives, and hybrid cloud migrations.
- Mentored junior engineers and provided technical leadership to cross-functional teams in agile environments.
- Built strong relationships with stakeholders and improved developer experience through modernized tooling and processes.
- Ensured **security best practices** and compliance across infrastructure and deployment processes.
- Suggested architecture improvements and process enhancements to support business goals.

Senior Associate Consultant, **Infosys Limited** - Hyderbad,   March 2019 – July 2022

Responsibilities:

- Automated Azure infrastructure provisioning using Terraform, deploying AKS, VNets, NSGs, Load Balancers, and storage services across all environments.
- Built Azure DevOps CI/CD pipelines integrating Terraform and Helm, reducing manual effort by 80% and ensuring consistent AKS deployments.
- Configured Azure networking (VNet peering, private endpoints, App Gateway) to enable secure, high-performance microservices communication.
- Implemented persistent Kubernetes storage using Azure Disk and Azure Files to support stateful workloads.

- Hardened AKS clusters with network policies, Azure RBAC, private endpoints, and Key Vault-based secret management.
- Enhanced observability with Azure Monitor, Log Analytics, Prometheus, and Grafana, reducing incident resolution time by 40%.

Senior Project Engineer, **Wipro Limited** - Bangalore,   Nov 2017 – Feb 2019

Responsibilities:

- Built automated CI/CD pipelines using Jenkins and GitHub Actions for Java applications on Azure, reducing deployment time by 60%.
- Configured multi-branch pipelines to improve CI efficiency and accelerate release cycles.
- Integrated SonarQube quality gates to enforce static code analysis and reduce production defects by 30%
- Provisioned Azure infrastructure (VMs, VNets, AKS, ACR) using IaC for scalable and secure deployments.
- Containerized Java microservices with Docker and deployed them on AKS to enhance scalability and reliability.

Software Engineer, **Intelli swift Software India Private Limited** - Bangalore,   May 2017 – Aug 2017

Responsibilities:

- Implemented and administered CI/CD processes using Jenkins for automated build and deployment workflows.
- Managed Red Hat servers, including installation, configuration, backup, and recovery activities.
- Performed package installation/upgrade, patching, configuration management, version control, and security troubleshooting.
- Handled core Linux administration tasks such as user management, volume configuration, filesystem setup, service configuration, firewall management, and system monitoring.

System engineer, **PWC** - Bangalore,   Nov 2014 – Apr 2017

Responsibilities:

- Managed 100+ Linux servers (RHEL, Ubuntu, CentOS) in production, ensuring 99.9% uptime through proactive monitoring, patching, and troubleshooting.
- Automated routine admin tasks using Bash/Python, reducing manual effort by 50%.
- Configured and optimized Apache/Nginx, SSH, and cron jobs to improve performance and security

Certifications

- ⚲ **Certified Terraform Associate**
- ⚲ **Certified Azure Administrator**
- ⚲ **Certified Azure Security Engineer**
- ⚲ **Certified Azure DevOps Engineer**
- ⚲ **Certified Azure Solution Architect**
- ⚲ **Certified Azure AI Fundamentals**
- ⚲ **Certified GCP Cloud Engineer Asst**
- ⚲ **Certified GitHub Actions**

Education

BTECH, Electrical And Electronics Engineering   2010 – 2014

- JNTU Ananthapur.