



IRRINKI SAITEJA

Senior DevOps Engineer

CONTACT

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EDUCATION

Bachelor of Technology
Andhra University - 2020
SRKR Engineering College
Bhimavaram, Andhra Pradesh

TECHNICAL SKILLS

Operating Systems: Linux, Windows

Cloud Computing: AWS, Azure, GCP

Scripting: Bash, PowerShell

VCS: Git and GitHub

IaC: Terraform, Ansible

CI/CD: Azure DevOps, Jenkins

Containerization & Orchestration:
Docker, Kubernetes and Helm

Code Quality: Sonar Cloud/Qube

Virtualization: Vagrant



PROFESSIONAL SUMMARY

Senior DevOps Engineer with over 4 years of experience in CI/CD pipelines, automating infrastructure, managing containers, and working with cloud platforms. Certified as a DevOps engineer by Microsoft with the **AZ-400** certification exam. Skilled in tools like Terraform, Kubernetes, Helm and Azure DevOps. Known for improving deployment processes by 80%, reducing downtime, and managing cloud resources efficiently.

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer **Tiger Analytics, Hyderabad**
Oct 2023 – present

- Automated Helm chart deployments across AKS clusters to streamline application delivery reducing build time by 40%.
- Improved CI/CD Azure pipelines, enhancing software delivery efficiency and achieving reductions in build errors.

Senior DevOps Engineer **Zelarsoft Pvt Ltd, Hyderabad**
Mar 2022 – Oct 2023

- Responsible for Provisioning and Managing Cloud Infrastructure. Automating maintenance and regular jobs on Cloud Infrastructure.
- Experienced handling the CI/CD Life Cycle and Branching Strategy.
- Spearheaded a team of DevOps professionals to implement a seamless CI/CD lifecycle for various projects.

DevOps Engineer **Visualpath IT, Hyderabad**
Nov2020 – Feb 2022

- Worked on Multiple proof-of-concept projects for deploying Java applications with optimized CI/CD workflows.
- Automated routine tasks, reducing manual effort by 80%
- Documented the Entire Process using Markdown Language.



TECHNICAL FOOTPRINTS

Highly skilled IT professional with extensive experience in **Configuration Management, CI/CD pipelines, Cloud platforms, and DevOps methodologies**. Expertise in **troubleshooting build and deployment issues** and managing **infrastructure automation**. Proficient in tools and platforms such as **Git, GitHub, Jenkins, AWS, Azure Cloud, Docker, Kubernetes, Helm, Terraform, Azure DevOps and Ansible**. Strong scripting skills with **Shell, PowerShell**, and automation of complex workflows. Demonstrated ability to integrate **unit testing, code quality analysis tools**, and implement **secure, scalable solutions**.

KEY SKILLS:

CI/CD & Version Control:

Configured and managed **CI/CD pipelines** across Dev, Staging, UAT, and Production environments using **Git Flow Branching Strategy**.

Proficient in version control with **Git, GitHub, and Azure Repos** for automation and collaboration.

Hands-on experience with **Azure DevOps** and **Jenkins (Freestyle and Pipeline jobs)** for build and release management.

Cloud & Containerization:

Worked with Azure Cloud and AWS services.

Specialized in **Docker** based containerization

Developed and oversaw **Kubernetes deployments** leveraging **Helm custom charts** for orchestration and scalability.

Branching Strategy & Version Control:

Created a Workflow & Branching Strategy with the Requirements.

Experienced in implementing effective branching strategies in GIT and Azure Repo for collaborative development.

Infrastructure as Code:

Automated infrastructure provisioning using Terraform, Ansible and Cloud Formation (AWS).

Created and managed Azure resources with PowerShell and Bicep templates.

Scripting & Automation:

Advanced scripting expertise in **Shell** and **PowerShell** to automate operational tasks.

Automated processes for **release note generation, backup procedures**, and system health monitoring.

Documentation & Collaboration:

Collaborated with cross-functional teams to gather and document application requirements.

Documented branching strategies, infrastructure workflows, and system configurations for reference.



PROJECTS

Name: TPO

Client: Food Industry

Tools: Azure Cloud, Azure DevOps, Kubernetes, Helm and Micro Services Deployment

Roles and Responsibilities:

- Successfully deployed a microservices application in Azure Kubernetes Service (AKS) using Helm charts and Azure DevOps pipelines.
- Developed a multistage build pipeline to create and push Docker images to Azure Container Registry (ACR).
- Mounted Azure File Share across multiple pods to ensure real-time synchronization and seamless data sharing.
- Optimized operations by removing redundant sidecar containers performing copy tasks, replacing them with direct Azure File Share integration, improving efficiency and reducing resource consumption.
- Configured readiness and liveness probes for improved application stability and uptime.
- Enabled Horizontal Pod Autoscaling (HPA) for dynamic scaling based on workload demands, reducing idle resource usage by 20%

Name: Techbricks Edu

Client: Education

Tools: AWS, Jenkins, Docker, Kubernetes, Helm, SonarQube, Git, GitHub, Maven, Nexus, Linux.

Roles and Responsibilities:

- Managed CI/CD pipelines integrating Git, Nexus, and SonarQube, decreasing build failures by 30%.
- Built Docker images for Kubernetes deployments, optimizing resource usage by 25%.
- Resolved deployment issues efficiently, ensuring 99.9% application availability.

Name: Styra DAS

Client: Security Services

Tools: Styra DAS, AWS, Docker, Kubernetes, Linux.

Roles and Responsibilities:

- Automated cloud infrastructure with Terraform, creating AWS resources like VPCs, subnets, NAT gateways, EC2 instances and (others).
- Implemented complex IAM policies, improving security compliance by 35%.
- Managed Kubernetes deployments, ensuring high availability and scalability.

DECLARATION

I hereby affirm that, to the best of my knowledge, the information provided above is accurate.

Place: Hyderabad

IRRINKI SAITEJA (IS)