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

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. Skilled in tools like Terraform, Kubernetes, and Azure DevOps. Known for improving deployment processes, 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.
- Managed CI/CD Azure pipelines, enhancing software deployment efficiency and reducing build time by 40%.

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 CICD 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 40%
- Documented the Entire Process using Markdown Language.

TECHNICAL FOOTPRINTS

Experienced IT professional with expertise in Configuration Management, CI/CD, Cloud, and DevOps methodologies. Skilled in troubleshooting build and deployment issues. Proficient in Git, GitHub, Jenkins, Azure Cloud, and Azure DevOps. Experienced with Docker, Maven, and containerization. Adept at integrating unit tests and code quality analysis tools. Familiar with AWS services and automation. Strong in scripting with Shell, PowerShell, and Ansible. Capable of quick skill acquisition.

KEY SKILLS:

CI/CD & Version Control:

Proficient in configuring and managing CI/CD pipelines in Dev, Staging, and UAT & Production Environments by implementing Git Flow Branching Strategy.

Skilled in Git, GitHub, and Azure Repo for version control and automation.

Experience with Jenkins (Free Style) & Azure DevOps for build and release management.

Cloud & Containerization:

Worked with Azure Cloud and AWS services.

Experience in containerization using Docker.

Developed and oversaw Kubernetes deployments utilizing Helm Custom Charts.

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 ARM templates (Azure Bicep) and Cloud Formation (AWS).

Created and managed Azure resources with PowerShell and Bicep templates.

Familiar with IAM, VPC, EC2, S3, and other AWS services.

Scripting & Automation:

Proficient in Shell scripting, PowerShell, and Ansible.

Automated release notes generation and backup procedures.

Documentation & Collaboration:

Collaborated with teams to develop application requirements.

Established branching strategies and documented project overview.

PROJECTS

Name: TPO

Client: Food Industry

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

Roles and Responsibilities:

Worked as an Individual Contributor and Successfully deployed a microservices application in an Azure Kubernetes Service (AKS) cluster using Helm charts and a robust CI/CD pipeline orchestrated through Azure DevOps. First, a multistage build pipeline was developed to build Docker images and push them to Azure Container Registry (ACR). Subsequently, the Kubernetes deployment was carried out using Helm charts, which included mounting Azure File Share with multiple pods for shared storage. Additionally, readiness and liveness probes were configured to ensure service health and stability, and Horizontal Pod Autoscaling (HPA) was enabled for dynamic scaling based on load. This project streamlined deployment, improved resource management, and ensured scalability and reliability in a cloud-native environment.

Name: Techbricks Edu

Client: Education

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

Roles and Responsibilities:

Managed CI/CD pipelines with Jenkins, integrating Git, Nexus, SonarQube, and Maven. Built and deployed Docker images for Kubernetes, handling namespaces, ConfigMaps, Secrets, and Services. Resolved deployment issues and ensured secure storage of Docker images in private registries.

Name: Styra DAS

Client: Security Services

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

Roles and Responsibilities:

Worked as an L1 & L2 Engineer for Styra DAS, showcasing expertise in AWS services such as IAM, VPC, EC2, EBS, S3, ELB, Auto Scaling, Route 53, CloudFront, CloudWatch, and EFS. Utilized Terraform for cloud automation, creating customized VPCs, subnets, NAT gateways, EC2 instances, ELBs, and security groups. Designed and implemented complex IAM policies, roles, and user management for secure and delegated access within AWS.

DECLARATION

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

Place: Hyderabad   **IRRINKI SAITEJA (IS)**