SIREESHA YERUVA

Objective

Motivated and enthusiastic Engineer with foundational knowledge in Linux, Cloud Platforms (AWS, Azure), Containerization (Docker, Kubernetes), and CI/CD tools. Eager to apply my skills and grow in a dynamic team environment.

Projects

- **Project Name:** DevOps CI/CD
  Project Description:
  - o Infrastructure as Code (IAAC) with Azure DevOps.
  - o Installation Quality Check Pipeline.
  - o Implementation of Gitflow Branching Strategy
  - o Configuring Separate AKS Clusters for Different Environments.
  - o Docker Image Building Process.
  - o Streamlined Release Pipelines.
  - o Dev Deployment Triggering.
  - o Deployment in Higher Environments.
  - o Replicating the Workflow Across Environments.

  Technologies: Azure Cloud, Azure Services, Docker, Linux, Azure DevOps

Training

Training from Microsoft Certified DevOps Expert and Engineer:
- Gained hands-on experience in managing Linux servers, including software package management and user permissions.
- Learned deployment of cloud infrastructure on AWS, ensuring security and efficiency.
- Developed and maintained CI/CD pipelines using Azure DevOps, enhancing the automation of software builds and releases.
- Implemented branching strategies and managed repositories in Azure Repos, ensuring smooth collaboration across teams.
- Acquired skills in Docker and Kubernetes for application containerization and orchestration.

Certifications

AWS Certified Cloud Practitioner
- Amazon Web Services (AWS) | December 2024

Personal Info

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Education

2020-2024
CSE – Data Science at RISE Krishna Sai Prakasam Group of Institution, Ongole, 523001.

Skills

- **Operating Systems**: Linux (RedHat, Debian)
- **Scripting**: Bash
- **Cloud Platforms**: AWS (EC2, ELB, VPC, IAM, CloudWatch, S3, EKS, AMI, Security Groups, SNS), Azure DevOps
- **Version Control**: Git, GitHub
- **CI/CD Tools**: Azure DevOps Pipelines, Jenkins
- **Containerization**: Docker, Kubernetes
- **Infrastructure as a Code**: Terraform
- Networking: Basic Networking Concepts
- **Software**: Nginx, Apache2, Httpd, VIM Editor
- **Programming Language**: Basics of Python