

Shyamsunder Kunreddy

DevOps Engineer

As a DevOps engineer with over 2 years of experience, I have a strong background in automation, **cloud infrastructure**, and continuous integration/continuous deployment (CI/CD) pipelines. I thrive in fast-paced, collaborative environments and play a key role in **decision-making** within my team. I have successfully completed significant **DevOps automation** tasks that have enabled my team to overcome manual tasks



ssrkunreddy@gmail.com

99491 65243

linkedin.com/in/shyamkunreddy

SKILLS

Git

Docker

Kubernetes

Aws

Azure

GCP

Linux

Bash

Jenkins

Terraform

Ansible

Github

Java

Datree

Powershell

Github Actions

Argo CD

Istio

WORK EXPERIENCE

DevOps Engineer

Wipro Technologies Ltd

06/2021 - Present

Achievements/Tasks

- 2+ years of experience as an Azure DevOps Engineer, designing, developing, and maintaining **infrastructure and deployment pipelines** for Wipro internal applications using Microsoft Azure.
- Designed, implemented, and managed CI/CD (**Continuous Integration/Continuous Deployment**) pipelines using Azure DevOps tools and services, resulting in a 20% reduction in deployment time.
- Collaborated effectively with development teams to develop **advanced approaches** for code branching, smooth merging, and strong version control via **Azure DevOps**, resulting in a 30% reduction in merge conflicts
- **Monitored** and **troubleshooted** applications and infrastructure hosted on Azure, ensuring high availability and scalability, with zero downtime in the last 12 months.
- Experienced in Docker, including image creation and deployment, with expertise in crafting **Docker Compose** files for efficient deployment, resulting in a 10% reduction in deployment costs.
- Proficient in **Kubernetes**, skilled in creating **pods, clusters**, and deploying applications, ensuring seamless orchestration and scaling, with a 50% increase in **application throughput**.

EDUCATION

Bachelor Of Engineering

Chaitanya Bharathi institute Of Technology

06/2017 - 06/2021

Courses

- Electrical And Electronics Engineering

PROJECTS

Holmes-hrss (06/2021 - Present)

- Hands-on experience in all phases of the **software development lifecycle**, from planning to execution. And Expertise in mapping out application tiers based on workload, ensuring optimal performance and scalability.
- Formulated project and **branch frameworks** in Azure DevOps, adhering to prescribed **policies** and best practices.
- Created the integration pipeline (CI) in Azure DevOps, which generates a **Docker image** as its outcome.
- Facilitated application deployment onto the **production server** using **release pipelines** in Azure DevOps, equipped with preset parameters and **triggers**.
- **Troubleshooted** and resolved any arising issues after seamless **deployments**.
- Utilized Kubernetes to manage **multiple containers**, depending on the application at hand.
- Spearheaded **SSL certificate** creation for internal websites and select applications, showcasing adeptness in utilizing IIS on Windows Server environments.
- Proficient in troubleshooting **network-related** challenges on servers, including port connections, Docker network issues, and **Kubernetes-related** complexities.

Deploying Spring Boot application on K8S (05/2023 - 07/2023)

- Configured a cloud-based **server environment** to serve as the foundation for the project's deployment. And installed essential software dependencies, ensuring a seamless setup for the subsequent stages.
- Expertly set up Mini-Kube, a local **Kubernetes** environment, to facilitate **development, testing,** and deployment processes.
- Employed advanced **version** control skills to clone the project's source code repository, enabling seamless access for further enhancements.
- Effectively **orchestrated** the configuration of the project's database, ensuring optimal performance and **data management**.
- Demonstrated prowess in compiling and building the project, followed by the creation of Docker images to encapsulate the application.
- Skillfully managed the deployment by securely pushing the generated Docker images to **Dockerhub** for centralized accessibility.
- Expertly executed Kubernetes **manifest files**, guiding the orchestrated deployment of the application within the Kubernetes **cluster**.
- Employed **port forwarding** techniques to enable API testing, ensuring thorough examination of application functionality.
- Demonstrated precision in adding data to the application using **Postman**, a popular API testing tool. And Meticulously verified the accuracy of data entries within the **database**, ensuring alignment with expected outcomes
- Navigated the Mini-Kube dashboard interface adeptly to gain **insights** into the status and health of the deployed resources. And Effectively managed the project's **source code** repository on GitHub, including **version control** and collaboration

PUBLICATIONS AND CERTIFICATIONS

Azure developer Associate [🔗](#)

Issued By Microsoft

Blog on Architecture of Kubernetes [🔗](#)

Azure data fundamentals [🔗](#)

Issued By Microsoft

Blog on Kubernetes [🔗](#)

Blog on Docker [🔗](#)

Blog on CI-CD [🔗](#)

ACHIEVEMENTS

RED HAT SWAGS AND GOODIES

Red Hat

- Earned prestigious Red Hat **swags** and **badges** by emerging as a victorious participant in a comprehensive quiz encompassing all **Red Hat products**, organized and conducted by Red Hat.