Krishna Sai Chinthamani

D. No: 5-922, Muthyalamma Gudi Street, Srikalahasti – 517644, A.P, India
Mobile: +91 9494065951, WA: +91 8105949481   Email: krishnasaic5922@gmail.com

---

➢ **Summary of Experience:**

- 7+ years of experience in the IT Industry.
- Knowledge on **Azure Cloud Services** (**Azure Portal, VMSS, Azure Blob Storage, AvSet etc**).
- Having experience in using **Linux OS**. Extensively worked on **Ubuntu**.
- Configuration Management and source code repository management using **GIT.**
- Automating **build and deployment** workflows using **GIT, JENKINS**, and **DOCKER.**
- Creating GIT branches and merging the source code between different branches.
- **Continuous Integration (CI)** setup. Installed **Jenkins**, created build jobs, setup distributed builds using Jenkins **Master/Slave concepts**.
- **Application** and **Environment configuration** using **Docker**.
- Good understanding of the principles and best practices of **Configuration Management** using **Ansible** (Ad-hoc commands/Playbooks/Ansible roles).
- Possess good knowledge on **Container Orchestration** using **Kubernetes.**

➢ **Technical Competencies:**

Programming Languages	Python, Java(Novice)
Version Control system	GIT, GitLab
Build and CI/CD tools	Jenkins
Virtual Platform	Docker, Kubernetes
Configuration Management	Ansible, Nagios, IDRAC, IEDS
Cloud Platform	Azure Cloud, Azure DevOps
Operating System	Windows, Linux
Other Tools	Terraform(Novice), Kibana, Grafana, Echo, Netcool

Work Experience:

Company: LTI MindTree (Previously MindTree, acquired by L&T)   **Mar 2022 - Present**
Designation: Technical Specialist - 2

Description:

Working as a client support for 'Azure for Operators' Microsoft project helping Tele-Communications industry to drive innovation, improve infrastructure and enhance service delivery.

Responsibilities:

1. **Expert in Continuous Integration Tools:**
   - Proficient in utilizing Jenkins for automating server reboot processes, enhancing system reliability and operational efficiency.
2. **Server Monitoring Specialist:**
   - Skilled in leveraging advanced monitoring tools such as Netcool, Echo, and Nagios to oversee the status and health of over 44 servers, ensuring optimal performance and quick resolution of issues.
3. **Diagnostics and Health Monitoring:**
   - Utilized IDRAC for real-time health status monitoring of servers, facilitating proactive maintenance and minimizing downtime.
   - Employed IEDS for diligent IP address verification, supporting network integrity and seamless server connectivity.
4. **Quality Assurance and Testing:**
   - Designed and executed comprehensive test cases to validate system outputs against expected results, contributing to the high quality and reliability of services.
5. **Containerization and Orchestration Expertise:**
   - Demonstrated proficiency in deploying and managing containerized applications using Docker and Kubernetes, including executing commands to monitor health and performance.
6. **Data Visualization and Analysis:**
   - Advanced skills in using Kibana and Grafana for monitoring the health of Genesis nodes and other servers, enabling data-driven decision-making through insightful analytics.
7. **Operational Excellence:**
   - Contributed to system stability and improved performance by proactively monitoring server health, identifying potential issues before they impact operations.

Company: Mphasis   **Mar 2021– Feb 2022**
Designation: Senior Software Engineer

Description:

      Our Client FedEx has a suite of Applications that needs to be onboarded to Cloud integration. We facilitated for smooth onboarding by prototyping their requirements and implementing Continuous integration and deployment by establishing different projects/branches in GitLab, configuring Jenkins files, integrating SonarQube, Fortify, Nexus and setting up release pipeline with Kubernetes orchestration.

Responsibilities:

- Used GitLab for managing source code by resolving merge conflicts that occur during collaboration of various stakeholders of the application.
- Worked with Docker for convenient environment setup for development, testing and production.
- Experience working with Docker images, Docker containers, Docker file.
- Launching Azure Virtual Machine Scale Set VMs by configuring auto Scale-In, Scale-out modes as per the load on the applications.
- Configured Kubernetes environment for some applications that involves Micro-Services architecture.
- Developed Terraform scripts to provision and manage the cloud infrastructure needed for the application.

Company: Equleus Info Pvt Ltd.   **Nov 2016 – Feb 2021**
Designation: System Administrator, Software Engineer

Description:

      The Affordable Care Organization Management System (ACO-MS) project addresses the challenges that the Centers for Medi-care & Medi-aid Services (CMS) are having with enrolling ACO's into the Medicare Shared Savings Program (SSP). Currently used legacy system called Health Plan Management System (HPMS) is replaced with modern and scalable system to support ACO participation management activities

Responsibilities:

- Setup the Continuous Integration/Continuous Deployment (CI/CD) process.
- Configured Jenkins with Git and schedule the jobs on every commit made by the team.
- Setup pipelines in Jenkins for automation as part of the CI/CD process.
- Integrated Nexus as a repository manager to store and manage the application artifacts.
- Created Ansible playbook and roles to install and configure Jenkins.