

LAMMATHA SIVAKRISHNA

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SKILL SUMMARY

Having an experience of 5+ years DevOps-Kubernetes Engineer build deployment automation tools Git & GitHub, Maven, Jenkins, Ansible, Docker, Terraform, Kubernetes , TKGM , Kafka , bitbucket, frog & AWS cloud. I do effectively handle configuration deployment of infrastructure & services. Implementing core Devops concepts such as containerization, visualization, version control, cloud computing and administration. The skill acquired in the IT sector so far has diversified breath of Devops & release processes.

Technical Skills

Version Control system	Git (Tool: GitHub and bitbucket)
Monitoring	Prometheus, Grafana, elk
CI Tool	Jenkins, GoCd
Containerization Tool	Docker, Kubernetes.
Configuration Management	Ansible.
Infrastructure Management	Terraform
Cloud Platform	Aws
Ticketing Tool	ServiceNow, jira
Artifactory management	JFrog artifactory
VMware	vSphere, tkgm (tanzu kubernetes grid)
Cloud	Amazon Web Services (EC2, VPC, S3, RDS, IAM, Cloud Watch)
Scripting languages	Shell scripting
Application server	Apache tomcat server
Platforms	Linux/Unix

EDUCATION:

B.Tech From JNTUK

PROFESSIONAL EXPERIENCE

Worked as DevOps Consultant at Datamatics Global services Ltd from 06/2022 to till date
Worked as Engineer at Ahladha Engineers Ltd from 02/2021 to 12/2021.
Worked as Engineer at IHP From 09/2018 to 01/2020.

PROJECT DETAILS

PROJECT #3

Client	: IDFCFIRSTBANK LTD
Location	: Bengaluru
Duration	: From June 2022 to Present.
Team strength.	: 10
Role	: DevOps Engineer
Environment	: Git, Bitbucket, Maven, Jenkins, Ansible, Terraform, docker, Kubernetes , Jfrog, Kafka , Eks , Gocd and Aws cloud.

Roles & Responsibilities:

- Orchestrating containers using Kubernetes.
- Implementing YAML files and Helm charts to maintain the Kubernetes cluster.
- Experience in VMware TKGm cluster creation, upgrade, and maintenance within different environments (Dev, QA, UAT, Prod, and DR).
- Experience in AWS EKS cluster creation, upgrade, and maintenance within different environments (Dev, QA, UAT, Prod, and DR).
- Developed and deployed basic infrastructure Helm charts like ingress controller, ESB driver, ALB controller, storage class, CSI driver, Prometheus, Grafana, Fluent Bit, Avi controller, Jaeger, autoscaler, etc.
- Experience in Kubernetes debugging and leading up to production when multiple application builds must be tested for stability.
- Experience in setting up Docker and retrieving images from Artifactory. Worked on Docker images and containers.
- Developed templated Jenkins pipelines for containerizing existing microservices and deploying them to Kubernetes.
- Integrated Docker container orchestration framework using Kubernetes by creating pods, config maps, and deployments.
- Kafka administration, topic creation, adding new nodes to existing clusters, and LDAP access to UI.
- JFrog Artifactory administration, upgrading, adding new nodes to existing clusters, and performing maintenance activities.
- Bitbucket administration, upgrading, adding new nodes to existing clusters, and performing maintenance activities.
- Jenkins administration, upgrading, adding new slaves to existing clusters, and performing maintenance activities.
- SSL certificate updates for all tools in all environments.
- Creating pipelines according to developers' requirements in Jenkins.
- Monitoring, maintaining, and administering Rancher in all environments.
- Taking backups and restoring all the development tools.
- Writing shell scripts for backups and as per requirements.
- Creating Ansible playbooks and roles as per requirements.
- Creating Docker files and images as per requirements.
- Creating pipelines in GoCD.
- Administering GoCD and resolving issues for users.
- Troubleshooting issues faced by users in all development tools and working on tickets assigned to me.
- Setting up monitoring of all tools using node-exporter to Prometheus and creating custom dashboards in Grafana.
- Creating alerts in Grafana.

- Participating in troubleshooting calls for development tools and providing resolutions.
- Supporting daily builds and product releases on the Linux platform.
- Monitoring builds and providing proactive support to resolve any build issues.
- Documenting all build and deployment-related issues.
- Monitoring AWS dashboard.

PROJECT #2

Client : ACPL
Location : hyderabad
Duration : From feb 2021 to dec 2021.
Team strength. : 4
Role : Engineer
Environment : Git, Bitbucket, Jenkins, grafana and Aws cloud.

Roles & Responsibilities:

- Orchestrating containers using Kubernetes.
- Provided DevOps support for clean room equipment systems, ensuring optimal performance and adherence to operational standards.
- Monitored system performance and application health, proactively identifying issues and implementing corrective actions to minimize downtime.
- Assisted in the deployment and configuration of applications used in manufacturing processes, ensuring seamless integration with clean room equipment.
- Conducted routine checks on monitoring tools and dashboards, ensuring accurate data reporting and system reliability.
- Troubleshoot basic technical issues related to software applications and infrastructure, collaborating with engineering teams for more complex problems.
- Documented support activities, incidents, and resolutions in the ticketing system, contributing to a robust knowledge base for the team.
- Collaborated with cross-functional teams to ensure effective communication and timely resolution of technical issues impacting clean room operations.
- Provided training and support to staff on monitoring tools and best practices, fostering a culture of proactive system management.

PROJECT #3

Client : lhp
Location : hyderabad
Duration : From sep 2018 to jan 2020.
Team strength. : 5
Role : Engineer
Environment : Git, Bitbucket, Jenkins , Grafana and Aws cloud.

Roles & Responsibilities:

- Assisted in providing first-level support for DevOps-related issues in drinking water supply systems, contributing to overall operational efficiency.
- Supported the monitoring of pipeline performance metrics, helping to identify and report potential issues to senior team members.
- Aided in diagnosing basic technical problems with pipeline equipment and software applications, escalating complex issues as necessary.
- Assisted in maintaining documentation for support activities, including troubleshooting steps and incident reports, to enhance team knowledge sharing.
- Worked alongside engineering and operations teams to facilitate communication and ensure

timely resolution of technical challenges.

- Participated in training sessions on monitoring tools and best practices, gaining knowledge to improve support capabilities.
- Contributed to regular reviews of system performance, helping to identify opportunities for improvement in operational processes.

PERSONAL PROFILE:

Name: Siva Krishna.

Father Name: Dharma Rao.

Date of Birth: 14-06-1995.

Marital Status: Single.

Passport: Yes.

Nationality: Indian

Languages are known Telugu, Hindi & English.

DECLARATION:

I, hereby confirm that all the information provided above is correct and don't hesitate to contact me for any further information.

Lammatha Sivakrishna.