**Cloud & DevOps Engineer**

**Name: Sainath Reddy Lingala**

**E-Mail: Sainath.r1606@gmail.com**  **Phone: 7989103242**

Professional Summary

* **5** years of Professional Experience as **System Engineer**, **DevOps engineer** and **AWS** in Design,

Development, optimization support and administration.

* Expertise in **DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automating**. It

includes Amazon Web Services (AWS), **Maven, Jenkins, Git, Tomcat, Linux, Docker and Kubernetes etc.**

* Experience in provisioning, Deployment, monitoring, and troubleshooting on cloud based and on-premises application.
* Strong team player & ability to work in collaborative environment.

Technical Skills

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| --- | --- |
| Cloud Platform | Amazon web services (AWS) |
| Version Tools | GIT, GitHub, Azure Repos |
| CICD Tools | Jenkins, Azure Pipelines |
| Container Tools | Docker, Kubernetes. |
| Configuration Management | Ansible |
| Iac Tool | Terraform |
| Application server | Apache Tomcat |
| Scripting Languages | Bash/Shell Scripting |
| Ticketing Tools | Jira, Service Now, Azure Boards |

***Companies*:**

* Worked as a Software Engineer in **Cyient** from Mar/2019 – AUG/2022, Hyderabad.
* Working as DevOps Engineer in **Standard chartered GBS**(Client), **Thakralone Solution pvt ltd** (payroll) from

SEP/2022-Mar/2024, Bangalore.

**Work Experience**

**Company: Standard Chartered Bank,** Bangalore. AUG/2022 – Mar/2024

**Project**: CCIB

**Role:** DevOps Engineer

**Responsibilities:**

* Design, develop and maintain **DevOps** process comprising several stages including plan, code, build, test, release, deploy, operate and monitor.
* Design, build and maintain the **CI/CD** infrastructure and tools to deliver.
* Design and develop the test automation to validate the builds in the **CI/CD pipeline**.
* The role involves configuring and managing the **CI and CD** for all applications.
* Project has been migrated to **Azure (ADO),** since OCT/2023
* Started working on **Azure Repos, Azure pipelines.**
* Experience with version control tools such as **GIT**
* Extensive experience in using Build Automation scripting like **Maven**.
* Use of Shell scripting languages for Linux platforms.
* Prior experience in automated build **pipeline**, continuous integration and continuous deployment with **Jenkins**.
* Create/upload playbooks using YAML in **Ansible** and trouble shoot issues while convergence.
* Writing **ansible** playbooks using **ansible** roles.
* Creating **Docker** files for easier replication of **DEV**, **QA** environments in local machines.
* Working on **Docker** based web application
* Build the **Docker** images based on custom **Docker files**.
* Written automation scripts to create resource in AWS cloud using **Terraform** Modules.
* Managed provisioning of AWS infrastructure using cloud formation and **Terraform**.
* Deploy and configured infrastructure using Ansible and **Terraform**.
* Knowledge on container orchestration tool like **Kubernetes**.
* **Automation** of compilation, **continuous** **integration**, testing, packaging and distribution of software.
* Reviewing the technical architecture requirements to assess the **DevOps** activities.
* Migration of **shell scripts** for deployments and environment creation to **Ansible**.
* Good working knowledge on **Linux** environment and **trouble shooting** skills.
* Knowledge in **AWS** cloud which include services like **EC2, S3, EBS, VPC, Subnets, ELB, Auto scaling and Security groups.**
* Help Development teams automate the environment setup using tools like Ansible.

**Company: Cyient,** Hyderabad. Mar/2019 – AUG/2022

**Project**: Westpac Banking

**Role:** Senior Software Engineer - DevOps

**Responsibilities:**

* Contributing in the **DevOps** team to maintain and build out our infrastructure and servers currently operating on **AWS** platforms.
* Involved in Create/Enhance/automate build and deployment processes for each release and backup, restore and upgrade.
* Experience in creating Docker images and managing Docker registry.
* Experience in orchestrating **Docker** containers.
* Deploying, configuring, managing, maintaining, a server machine using puppet.
* Experience in **Ansible** for automated management of machine configurations.
* Setup and maintain cloud-based infrastructure (AWS).
* Gather customer requirements and translate the application requirements to provide **AWS** solutions.
* Use of Shell scripting languages for Linux platforms.
* Hands on experience in daily activities like Disk Management and User Management issues.
* User Administration such as adding a new user account/modifying/deleting user account and granting Sudo access based on the requirement.
* Hands on experience on remote tools **SSH** and **SCP**.
* Providing **AWS** operations, deployment guidance and best practices throughout the lifecycle of a project.
* Worked on creation of custom **Pods** and **Services**, Deploy the application using **Kubernetes**.
* Worked on creation of custom **Docker Container** images, tagging and pushing the images.
* Managing Backups of EBS Volumes.
* As a build engineer, worked towards automating build process by writing batch scripts
* Developing the utility scripts to reduce the time and manual effort.
* Integrated delivery (**CI and CD process**) Using Jenkins.
* Building the source code using Subversion and **Jenkins**.
* Build and deployment scripts according to SCM team standards and processes to QA, Performance and Production Environments.
* After complete of the **script** development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build.

***EDUCATION:***

* B. Tech (Mechanical Engineering) with Aggregate of 71% in 2016.

***DECLARATION:***

I hereby declare that all the information furnished by me in this resume is true, complete and correct to the best of my knowledge.

**L Sainath Reddy**