**Janakiram KR**

SAFA Apartment, Guduvancheri, Chennai-603202.

Mobile – 9150971794 **Email ID – krjanakiram61@gmail.com**

**Professional Summary:**

* + Around 5+ years of IT experience relevant with 4.5 years of experience in **Cloud** & **DevOps** which includes environment setup, automation process, continuous integration and infrastructure management.
  + Good hands-on knowledge of Source Code Management (Version Control System) and automation / integration tools like **Github** and **Jenkins**.
  + Working on Automating the complete CI&CD process using pipeline DSL which includes build, run tests, static code analysis, publishing to **JFrog** and **Nexus** Artifactory, deployment and running the Functional tests.
  + Experienced in DevOps tools like **Git**, **GitHub**, **Jenkins**, **docker**, **ansible**, **terraform**, **Kubernetes**, **Prometheus** & **Grafana**.
  + Experience in writing Ansible playbooks, written playbooks for configuration updates.
  + Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using Docker.
  + Creating **S3** buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
  + Manage and configure AWS services as per the business needs (**ELB**, **Route53**, **S3**, **IAM**, **VPC**) in Global infrastructure.
  + Creating Docker containers in k8 cluster for the deployments of the application builds and doing analysis of the deployment issues.
  + Responsible for taking the source code and compiling using **Maven** and package it in its distributable format such as WAR file.

**Academic Qualification:**

* + B.E (Computer Science Engineering) – Velammal Engineering College Chennai.
  + Diploma (Computer Science) – Sri Durga Devi Polytechnic College Kavarapettai.
  + 10th (State Board) – Venkateshwara Matriculation School Tiruvallur.

**IT Forte:**

* + **Operating System**: Linux, Ubuntu, Windows
  + **Configuration Management Tools**: Ansible, Terraform
  + **CI/CD**: Jenkins, CI/CD Automation.
  + **Container :** Docker
  + **Source Code Management**: Git
  + **Deployment Tools/Web Servers**: Apache, Tomcat
  + **Ticketing tools**: JIRA
  + **Repository Tools**: Docker Hub, Git Hub
  + **Scripting**: Shell Scripting, Python
  + **Monitoring/Logging tools**: Cloud Watch
  + **Code Coverage Tool**: SonarQube.
  + **Linux Monitoring Tools:** Prometheus and Grafana
  + **Orchestration Tools:** Kubernetes
* **Cloud Infrastructure**: AWS - EC2, VPC, S3, CDCP, CF, R53, SNS, SQS, EBS, LAMBDA, RDS, ASG, CW & EKS.

**Professional Experience:**

**Virtusa Technoliges Feb 2022 Till Present Client : HSBC**

* + Create and maintain fully automated CI/CD pipelines for code deployment.
  + Managing and setting up of Kubernetes container platform and create Docker images and implemented CI/CD workflow for it.
  + Setup/Managing VPC, Subnets; make connection between different zones.
  + Actively manage, improve, and monitor cloud infrastructure using monitoring tool like Prometheus & Grafana.
  + Build Debugged Build failures and worked with developers and QA team to resolve related issues.
  + Using R53 and route using load balancers and create routing policy for smoother traffic.
  + Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a JAR/WAR/EAR file.
  + Manage and configure AWS services as per the business needs (ELB, Route53, S3, IAM, VPC) in Global infrastructure.
  + Create and maintain docker file as per application perspective and stored as artifacts in Nexus Repository.
  + Used Sonarqube to scan the code for bugs, code smells and vulnerabilities.

**Client : CITI**

* + Involved in build and maintain Highly Available secure multi-zone AWS cloud infrastructure with AWS Code Deploy.
  + Integrate with Git and Jenkins for continuous integration and deploy the application through code deploy and code pipeline
  + Monitor the build stage and troubleshoot build failure with coordination from development and other environments.
  + Used cloud watch to monitor the resources and logs.
  + Enable autoscaling along with load balancer for deployment server and also create notification using SNS service in case of failure.

**LTI Aug 2019 To Feb 2022**

**Client : OMF**

* + Design and implement IAM roles based on job functions and tasks rather than assigning permissions directly to individual users. Enforce the use of Multi-Factor Authentication for IAM users.
  + Implementing automated deployment pipelines using Terraform to streamline the process of provisioning and updating infrastructure. This involves integrating Terraform code into Continuous Integration/Continuous Deployment (CI/CD) systems and version control repositories.
  + Identifying and resolving issues related to Terraform configurations and infrastructure deployments. Analysing logs and error messages to troubleshoot problems.
  + Managing Terraform code in version control systems (e.g., Git) to maintain a history of changes and collaborate effectively with other team members.
  + Managing versioning and release processes using Git tags to keep track of software versions and releases.
  + Advising on and implementing effective branching strategies like Gitflow and trunk-based development to manage feature development, bug fixes, and releases efficiently.

**HCL Technologies Mar 2018 To Aug 2018**

**Client : VOLVO IT**

* + Setting up AWS S3 buckets, defining access controls (permissions), configuring encryption, and other necessary settings to meet the organization's requirements.
  + Implementing monitoring solutions to track the health and performance of S3 buckets.
  + Monitoring and analysing CloudTrail logs and detecting any unauthorized suspicious actions.
  + Set up monitoring and alerting for CloudFront distributions to track their performance and availability and also, we use AWS CloudWatch and other monitoring tools to keep an eye on various metrics such as request rates, cache hit/miss ratios, and latency.
  + Implementing automated database deployment and integrating RDS with CI/CD pipelines, allowing for consistent and repeatable database deployments.

**Personal Details:**

Date of birth : Jun 29th, 1991

Languages : English,Tamil,Telugu

Nationality : Indian

Major Strengths : Good team player, Dynamic and hardworking, Good

Interpersonal skills can be entrusted with responsibilities, commitment and dedication.

**Declaration:**

I hereby, declare that the above information is true to the best of my knowledge and belief.