

# KODI RAJU

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Current working Company: CFA TECHNOLOGIES PRIVATE LIMITED

## **Objective**

To work in an environment where high professional standards, efficiency and integrity are expected and rewarded; and where I can explore my abilities & experience to deliver quality and timely product based upon business requirements and specifications as a successful team member and as a professional.

## **Profile**

- A dedicated professional with 3.3 years of experience in Devops infrastructure and AWS.
- Extensively worked on DevOps (Jenkins, Git, Maven, Docker, Kubernetes, Terraform, Ansible), AWS.
- Expertise in the DevOps best practices which include CI/CD, Continuous Testing, Continuous Management.
- Deep understanding of Technology Domain with focus on delivering business solutions.
- Mentor and/or train new hires as a part of process and knowledge transfer.

## **Technical Skills**

- |                            |                             |
|----------------------------|-----------------------------|
| ➤ Cloud Technologies       | - Amazon Web Services (AWS) |
| ➤ Verison Control          | - Git                       |
| ➤ Configuration Managament | - Ansible                   |
| ➤ Web Server               | - Apache                    |
| ➤ CI/CD                    | - Jenkins                   |
| ➤ Monitoring               | - Nagios                    |
| ➤ Orchestration            | - Kubernetes                |
| ➤ IAC                      | - Terraform                 |
| ➤ Cloud Resources Scanner  | - Accurics                  |

## **Professional Experience**

### **Roles&Responsibilities:**

- Experience with Linux (Centos, Ubuntu) administration.
- Experienced in installing and updating RHEL/ubuntu servers using RPM & YUM/APT repositories.
- Experience with Jenkins as Continuous Integration / Continuous Deployment Tool and strong expertise with Maven Build Frameworks.
- Created end-to-end CI/CD Pipelines for wide variety of applications such as Java, python applications etc which includes Build, Unit testing, SonarQube Scan and docker image build and docker push stages.

- Assist in the Development Priority List process working with Product Management group to address issue identified as part of Problem Management
- Provide solutions for performance management, disaster recovery, monitoring and access management
- Work/support business users to understand issues, develop root cause analysis and work with the team for the development of enhancements/fixes
- Works with the team to develop, maintain, and communicate current development schedules, timelines and development status
- Provide engineering design across different workloads including incident & problem management, change management, security and compliance
- Improve security and performance of infrastructure by working with other teams
- Focused on automation, integration, monitoring.
- Experienced in authoring pom.xml files, performing releases with the Maven release plug-in and managing Maven repositories.
- Developed build & deployment scripts using Maven. Automated the process using plugins available Jenkins and move from one environment to other throughout the build pipeline.
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
- Deploy a multi-tier web application on to AWS cloud and automate required configuration using Cloud Formation.
- Responsible for designing, Implementing and supporting of cloud-based infrastructure.
- Configured and Managed Elastic Load Balancing (ELB) to avoid fault tolerance and avoid single point of failure of applications, providing high availability.
- Experience creating multiple VPC's and public, private subnets as per requirement and distributed them as groups into various availability zones of VPC.
- Used security groups, network ACL's, internet gateways and route tables to ensure secure zone for organization in AWS public cloud.
- Created S3 buckets in AWS environment to store files, sometimes which are required to serve static content for web application.
- Configured S3 buckets with various life cycle policies to archive infrequently accessed data to storage classes based on requirement.
- Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.

## **Project**

|                            |   |   |
|----------------------------|---|---|
| Project Name               | : | Digital Inspection  |
| Client                     | : | A prominent company in IT   |
| Description of the Project | : | This project is used to monitor the Assets that are present in the power-plants by capturing images which helps in automation. The readings from the gauges are detected by the analytics and raises alerts whenever the reading crosses the threshold values |
| Role                       | : | Devops Engineer   |

|                      |   |  |
|----------------------|---|--|
| Responsibility       | : | Understand the requirements<br>Create and manage jobs in Jenkins pipeline.<br>Debug build/code deployment issues.<br>Containerize web application and automated using Docker file.<br>Work on deployment to aws using Jenkins.<br>Also worked on AWS services and resources like S3, EC2, VPC creation, CI/CD. |
| Technologies & Tools | : | Jenkins, Git, Maven, Sonar Qube, Docker, Kubernetes, Terraform, PUTTY, PUTTYgen  |

## **Education**

| Degree       | University/College             | Year of Passing | CGPA/Percentage |
|--------------|--------------------------------|-----------------|-----------------|
| B.Sc         | Adikavi nannayya university    | 2017            | 65%             |
| Intermediate | Sri vijayadurga Junior College | 2014            | 81.5%           |
| S.S.C        | Sri M V G K zpp high School    | 2012            | 87%             |

## **Strengths**

- Communication & presentation skills.
- Decision making and management skills like Time, resources, projects management.
- Quick learner, Dedicated hard worker.
- Positive thinking and self-motivation.

I hereby confirm that the above information is true to the best of my knowledge.