

Software Engineer

Name: More Raj Kumar

Mobile: +91 7989720436

E-Mail: mrajukumar096@gmail.com

Brief Summary:

As an Software Engineer , I would like to expose my skill set once after seeking a position in a company that can launch my career and help me to build a more stronger skill set.

Experience Summary:

- Having around 1.8 Years of Experience as a “Software Engineer” for Release planning, Deployment Strategy, Monitoring of Application.
- Experience in working on Version Control Systems like, **GIT and GITHUB**
- Hands on experience with SCM tools like Git for branching, tagging and version management.
- Having good knowledge in implementation of CI/CD Flows.
- Good Knowledge on the Jenkins CI-CD tool and Management of the Jenkins
- Extensively worked on **Jenkins** by installing, Configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- Good knowledge in Containerization using **Docker** i.e. Dockerfiles , Image & Containers Creation.
- Having experience in creating custom Docker Images using **Dockerfile**.
- Setup framework for one click build and deployment on non-production environments.
- Realtime knowledge on the Cloud Architecture i.e AWS on all Popular **AWS Services**
- Well versed with the AWS Networking and Security services.
- Promoting code from one environment to another environment.
- Good knowledge on the Linux and Windows Operating system.
- Familiar with Amazon RDS management i.e., MySQL.
- Good Knowledge on the monitoring tools such as **Nagios** along with their Installation & Configuration.
- Familiar with **Terraform** as an IaC tool.
- Familiar with **Ansible** as a Configuration management tool.
- Having knowledge on the Maven and Gradle build tools.
- Good experience in deploying the build artifacts in **Tomcat** Server .
- Coordinating with the development team to fix build and configuration issues.
- **Troubleshoot** the Application related issues in **production & Non- production** environments.
- Able to pick up modern technologies within a short stint and adapt to rapid change of environment.

Technical Skill Sets:

Version Control System tools	GIT
Operating Systems	Windows, Linux

Configuration Management	Ansible
Scripting	Shell Scripting
Build Tools	Maven
Database	Amazon RDS (MySQL)
Containerization	Docker
Container orchestration	Amazon EKS, Kubernetes
Continuous Integration Tools	Jenkins
Cloud Environment	AWS
Monitoring Tools	Nagios

Educational Summary:

- ✓ Bachelor of Technology (B.Tech) in **Computer Science and Engineering (CSE)** from Sreenidhi Institute of Science And Technology, Hyderabad, Telangana.

Professional Experience:

- ✓ Currently working as **Software Engineer** in **Zenius IT Services** from July 2022 to till date.

Project 1:

Project Name	AIQ Analytics
Client	US BANK
Role	Software Engineer
Environment	Maven, GIT, Jenkins, Shell Scripting, Tomcat, Linux , AWS, Docker, Java, J2EE, SonarQube ,Kubernetes

Description: US Bank stands as a leading financial institution in the United States, offering a comprehensive suite of banking services to individuals, businesses, and institutions. Renowned for its extensive assets and diverse operations, it serves across consumer banking, wealth management, commercial services, and corporate solutions, catering to varied financial needs nationwide

Responsibilities:

- Built and supported Development, Integration, Staging and Production environments.
- Branching, tagging, merging and release activities on version control tool GIT.
- Implemented Continuous Integration using Jenkins and GIT.
- Used **Jenkins** for Automating Builds and Automating Deployments.
- Created Virtual Machines by utilizing AWS EC2 and configured security groups to restrict inbound and Outbound access.

- Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.
- Creating Elastic IPs attaching and detaching to instances as per client request.
- Creating AMIs, Snapshots, Volumes and managing EBS Volumes to upgrade and downgrade AWS resources.
- Performed S3 buckets creation, policies and on the IAM role-based policies .
- Administrating and maintaining the MySQL
- Configured the continuous deployment to AWS EKS using Jenkins.
- Monitoring the AWS resources using Amazon Cloud Watch and SNS.
- Participated in Bug review meeting and release the builds to **pre-production and production servers.**
- Involved in deployment of the application using **Tomcat**
- Monitor all the application servers and services using Nagios
- Primary responsibilities include Build and Deployment of the java applications onto different Environments like **QA, UAT, and prod.**
- Implemented the bastion host strategy to connect the servers.
- Created Docker Images using Docker File to support Containerization of applications
- Responsible for Creating the Jenkins Pipelines for Automation job creation.
- Implemented Autoscaling
- Upgradation of Jenkins along with Java version I.e. Jdk8 to jdk11
- Creating playbooks in Ansible for configuration and Deployment activities.
- Closely worked with Development and testing team to handle the tickets.

Declaration:

This is to declare that the information furnished above is true to the best of my knowledge and I assure you of my sincerity in executing the duties related to the job, should I be given a chance to serve.

Place:

Date:

(More Raj Kumar)