**Sharfuddheen**

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**OBJECTIVE:**

I aspire to utilize my expertise in object-oriented programming in an esteemed software organization that will enable me to use my strong organizational skills and educational background, where I can grow with the growth of the company.

**SUMMARY:**

* 5 years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS, and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continues Integration, Continues Deployment, and Continues monitoring using Automation Tools. Well versed in software production, development life cycle and release of software products.
* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Jenkins, Git, Maven, Graphite, Grafana, Signal FX etc.
* Used Ansible Playbooks, roles, run list to deploy web applications, application servers and vendor applications.
* Installed and Monitored the infra using Graphite, Grafana, Signal FX and created alerts to ensure the stable infrastructure.
* Administering Jenkins and secured Jenkins with role-based access controls.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Excellent skills in applying Continuous Integration, Continuous Deployment, and Continuous Delivery processes & tools [Example: Git, Ansible, Maven, Jenkins, Apache Tomcat.]
* Good working knowledge in CI & CD and building a pipeline using Jenkins.
* Have hands-on knowledge with Ansible and writing Playbooks.
* Installed and maintained the GIT repositories.
* Trained development teams on GIT usage and best practices.
* Experience in configuring and updating the servers using configuration management tools like Ansible and Experience in Containerization tool like Docker.
* Have working knowledge on Design and Implementation of VPC.
* Good understanding in ECS (EC2 Container Service) for cluster management.
* Good knowledge in Route53 and DNS service.
* Good knowledge in Auto-scaling and load balancing concepts.
* Have working knowledge in maintaining AWS services from CLI.
* Have knowledge in setup and configuring Monitoring tool.
* Have working knowledge on Kubernetes. And configure the Kubernetes cluster.
* Experience in branching, tagging, and maintaining the version across the environments working on Software Configuration Management GIT.
* Handling Remote Desktop Connectivity Issues.
* Excellent analytical, coordination, and communication skills.

**CONTINUOUS INTEGRATION AND DEVELOPMENT:**

* Automated Build tool : Jenkins, Docker, Ansible, Kubernetes.
* Version Contort System : SVN, GIT
* Cloud Technology : AWS (EC2)

**TECHNICAL SKILLS:**

Programming language : JDK 1.8

Databases : MySQL

Web Server : Apache-Tomcat, apache2

Platforms : Linux, Ubuntu, Redhat and Windows

Scripting-language : Shell, Bash, Groovy.

Work Environment : Agile work environment.

**WORK EXPERIENCE:**

* Currently Working as Devops Engineer with Tech Mahindra from Nov2017 to till date.

**PROFESSIONAL EXPERIENCE:**

**Project 1 :** Sentinel EMS

**Technology :** GIT, Jenkins, Maven, Shell Scripting, Docker, Ansible, AWS.

**Application Server :** Apache Tomcat Server **Duration :** Nov 2019 to Present **Designation :** Senior Software Engineer

**DESCRIPTION:**

Sentinel EMS is a web based Licensing and [Entitlement Management](https://sentinel.gemalto.com/software-monetization/sentinel-entitlement-management/) system that enables software developers and device manufacturers to maximize revenues and streamline business operations. The Sentinel EMS platform includes out-of-the-box interfaces for license generation, activation, tracking, reporting, and back-office integration and customer self-service portals.

**RESPONSIBILITIES:**

* Installing and configuring Git and Jenkins and deployment servers.
* Setting up the new build environment for various applications in **Windows/Linux** environment. Maintain server loads across all environments.
* Administered local and remote servers using SSH (secure shell) tool on daily basis.
* Performed all System Administration tasks like Cron jobs, installing packages,
* Grant permissions to files, users and groups, and fix login issues on servers. Perform configuration update on servers.
* Automating the Build Processes using CI tools Jenkins.
* Worked with Maven to automate the build process.
* Creating WAR/EAR files using Maven.
* Implemented a complete automated build-release solution using a combination of technologies like Maven, Jenkins.
* Installed, Configured and Administered Jenkins continuous integration tool.
* Configured GIT with Jenkins and schedule jobs using Poll SCM option.
* Integrated GIT into Jenkins to automate the code check-out process.
* Extensive working experience on configuration management tools Ansible.
* Developed shell scripts for automation of the build and release process.
* Used Maven as build tool on Java projects for the development of build artifacts on the source code.
* Created master and slave configuration in Jenkins.
* Supported and developed tools for Integration, Automated Testing and Release Management.
* Used GIT as source code repositories.
* Used Jenkins for Continuous Integration and deployment into Tomcat application server.

**Project 2 :** Cox Communications

**Technology :** Linux, GIT, Jenkins, Maven, Docker, Ansible, AWS

**Application Server :** Apache Tomcat

**Duration** : Nov 2017 to Nov 2019

**Designation :** Software Engineer

**DESCRIPTION**:

Cox Communications is an American privately owned subsidiary of Cox Enterprises providing digital cable television, telecommunications and Home Automation services in the United States. The COX Communication platform includes out-of-the-box interfaces for license generation, activation, tracking, reporting, and back-office integration and customer self-service portals.

**RESPONSIBILITIES:**

* Responsible for Maintaining/Administration of GIT Version control tool.
* Responsible for defining the branching strategy, creating baselines and releasing the code.
* Installed and Administered Jenkins CI for Maven Builds and implemented LDAP authentication for Jenkins and User Management for Jenkins CI.
* Worked with Docker containers which are lightweight and fast for reducing the cycle time of development, testing, and deployment.
* Worked on configuring, managing and deployment of applications on web servers, such Apache Tomcat.
* Wrote Ansible playbooks to automate our build/deployment process and do an overall process improvement to any manual processes.
* Created Maven POMs to automate the build process for the new projects and integrated them with third party tools.

**EDUCATION:**

* Completed B.Tech ECE from **JNTU** University of Kakinada in 2014
* Completed Intermediate from Board of Intermediate Educations in 2010
* Completed SSC from Board of Secondary Educations in 2008.

**DECLARATION**:

I do hereby declare all the information and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

Place: Hyderabad Date:

Signature

Sharfuddheen