**VIMAL CHAND TS**

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**OBJECTIVE**

Seeking a challenging position in a cloud environment within a large exciting company where my extensive professional and practical experience will be fully utilized for Infrastructure/DevOps Professional.

**PROFESSIONAL PROFILE**

* Over 7 years of experience in IT Industry with major focus on **Automation, Building, Deploying, and Releasing of code includes Amazon Web Services (AWS)** in a **DevOps** culture through **Continuous Integration (CI) & Continuous Deployment/Delivery (CD)**
* Experience in **AWS cloud platform** and its features which includes **EC2, S3, EBS, VPC, ELB, SNS, Elastic Beanstalk, LAMBDA, Route 53, Auto Scaling, Cloud front, Cloud watch, Security Groups.**
* Good experience in **Dockerizing** the applications by writing the Docker File and setup the automated build on private registries to maintain Docker Images.
* Experienced on creating Kubernetes manifest files like **Deployments**, **services, Replication Controller**, **Persistent Volume Claims, ingress, HPA (Horizontal Pod Auto Scalar) etc**. to deploy the application in the Kubernetes cluster.
* Knowledge on creating Kubernetes cluster using kubeadm on bare metal VM’s, creating user’s and upgrading the cluster.
* Experience in writing **Ansible playbooks, Ansible Roles** for configure management, **Shareability** and **Reusability**

in **Ansible**.

* Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments and had setup the master/slave configuration in Jenkins
* Hands on experience with Version Control Tool like **GIT, Bitbucket and Configure git with Jenkins**
* Expertise in using build tools like **Maven** for building of deployable artifacts from source code.
* Have a good experience on Code Quality Analyzing to **SonarQube**.
* Experience in using **Nexus & JFrog** Repository Manager for Maven builds.
* Experienced in Monitoring servers using **Cloud Watch, Prometheus, Grafana.**
* Worked on Terraformfor provisioning of Environments in AWS platform.
* Implement **CI/CD** using **Jenkins, Docker** and **Kubernetes**.
* Performed continuous Build and Deployments to multiple environments like Dev, QA, UAT
* Experience in selenium **Web driver**, **TestNG**, **Selenium Grid** for the UI Automation
* Worked on Rest Assured using java for Web service Automation
* Experience in Software methodologies like Agile methodology, successful in working with team for higher quality deliverables.

**TECHNICAL SKILLS**

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| Operating System | Linux (RedHat, Ubuntu) |
| Version Control Tool | Git, GitHub |
| Build Tool | Maven |
| Code Quality Analysis Tool | SonarQube |
| Artifactory Storage | Sonatype Nexus |
| Application Servers | Tomcat, WebLogic |
| Continuous Integration | Jenkins |
| Configuration Management Tool | Ansible |
| Containerization Tool | Docker |
| Container Orchestration Tools | Kubernetes |
| Cloud Services | AWS |
| Infrastructure as Code | Terraform |
| Scripting Language | Shell Script, Python |
| SSH Client Tool | Putty |

**CAREER HIGHLIGHTS & EXPERIENCE**

**Title : DevOps Engineer Company : Infosys**

**Technologies : Maven, SonarQube, Jfrog, Jenkins, Docker, AWS, Ansible, Kubernetes Duration : June 2018 – Till date**

## Contributions :

* Creating GitHub repositories and configured with Jenkins for Continuous Integration/Delivery.
* Implemented Pipeline as code using Jenkinfile with the declarative syntax.
* Created Multiple Jenkins Job Style such as Freestyle, Maven, Pipeline (With Multi Stage)
* Integrated SonarQube to analyze the source code and Jfrog Repository to upload the build artifacts from the Jenkins jobs
* Migrate legacy application to docker by writing the Dockerfile and uploading the docker image to private docker registry.
* Creating inventory in Ansible for automating the continuous deployment and wrote playbooks using YAML scripting.
* Created Kubernetes manifest files like Deployments, services, Replication Controller, Persistent Volume Claims, ingress, HPA (Horizontal Pod Auto Scalar) etc. to deploy the application in the Kubernetes cluster.
* Created Helm Chart to package the Kubernetes manifestfile into a unified bundle.
* Used Prometheus, ELK for monitoring /log/ metric the Kubernetes.
* Worked closely with developers, analysts, to build up CI/CD pipeline throughout Jenkins, jFrog Artifacts Repository, Docker Image and deploying it to Kubernetes cluster.
* Set up the local development environments through Docker containers for new developers.
* Worked on Terraform for provisioning of Environments in AWS platform.
* Performed application server builds in EC2 environment and managing the services like Auto Scaling , VPC, Load Balancing, Security Group, Volumes.
* Configured S3 versioning and lifecycle policies to backup files and archive files in Glacier.
* Configured S3 event notifications to trigger SNS (Simple Notification Service) when objects are uploaded to Amazon S3.
* Created serverless Lambda function to automate Backup, reverting the security group if changed.
* Used Cloud Front to deliver content from AWS edge locations to users, allowing for further reduction of load on front-end servers.
* Created monitors, alarms and notifications for EC2 hosts using CloudWatch.

**Title : Automation Test Analyst Company : IBM**

**Technologies : Git, Maven, Jenkins, Tomcat, Selenium, Sonar Qube, Jfrog**

**Duration : April 2014 – May 2018**

## Contributions:

* Implementing CI/CD jobs using Jenkins free style, Maven Jobs
* Integrated SonarQube to analyze the source code and Jfrog Repository to upload the build artifacts from the Jenkins jobs
* Managing day-to-day software configuration management activities for multiple product lines, including source code control, Version control, branch management, build management etc.
* Automated the code deployment process in each environment (Dev, QA and Pre-Prod).
* Involved in designing and implementing of automation framework to be used with Selenium WebDriver using test NG, Cucumber and Serenity.
* Designed, executed and maintained selenium web driver, testing and automated test cases for regression, smoke and Functional test cases.
* Designed the API Automation Webservice (Rest Based)

**Education Qualification**

* B.E Electronic and communication engineering - KLN College of Engineering, 2013 (Pass out) – 70.9% - Madurai Tamil Nadu

Place : Madurai

Date : (**Vimal Chand)**