

SENTHILKUMAR R

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Professional Summary

. Over 12 years of experience in **Software Configuration Management and Build – Release Management**

- Expertise in Deployment of various kinds of applications in client – server environment.
- Possess extensive knowledge in source control tools like (**GIT,GITHUB**,)
- Possess expertise in source code build and Release management, Change management
- Responsible for the management of the release pipeline, scheduling and prioritizing release.
- Ensure the release plan and implementation according to the schedule time and availability.
- Coordinated the implementation of the infrastructure releases.
- CM plan process implemented in all Master repository.
- New repository directory structure maintenance in release notes
- Manages the configuration and changes.
- Coordinated project teams and communicate with the facilitat

▪ **4 years of professional experience in AWS&DevOps**

- Tools such as Jenkins, Git, Apache Tomcat, Docker, Terraform.
- Technical knowledge on EC2, IAM, S3, VPC, Route53.
- Creating AMI's to the EC2 instances in case if the key pair is lost and creating new instance with the same data.
- Experience in configuring Continuous Integration tool (Jenkins), managing plug-is managing various jobs like freestyle, pipeline and multi branch pipeline jobs in Jenkins.
- Having good experience in Version control systems like GIT Source code management tools like GitHub.

- Experience in configuration of Monitoring tools such as Nagios and Cloud Watch.
- Ability to communicate requirements effectively to team members and manage applications.
- Open to learn new technologies and tools.

Technical Skills

- Basic knowledge on Programming Json, Python
- Database engines MySQL,
- Scripting SHELL,python.
- Application Servers: Apache Tomcat
- Version Control Tool: GitHub
- Build Management Tool: Maven
- Continuous Integration Tool: Jenkins
- Cloud Platform: AWS -, EC2, S3, ELB, Auto scaling, EBS, Elastic Beanstalk, Cloud Formation, Cloud Front, RDS, VPC, Route 53, Cloud Watch, Cloud Trail, IAM, SNS, SQS, and Lambda
- Configuration Management Tools: Terraform
- SCM: Git
- Containerization tool: Docker
- Kubernetes

Current Responsibilities

- To setup CICD pipeline using jenkins
- Code clone to local repository
- Code push in to remote repository
- Make pullrequest
- Source code add , commit, import ,check-in, check-out and Git server
- New Repository, New directory creation in Git server
- New Branch creation in Git server
- Failed test cases re-running and share result to entire team
- Release pipeline Baselined in Repository path
- Reporting of release progress and status report share to the engineering management group
- I had been using Terraform tool for providing Infrastructure our existing Cargotecproject

Terraform

- I had been using Terraform tool for providing Infrastructure our existing Cargotec project
- Terraform can manage infrastructure on AWS cloud.
- Integrated Jenkins with Terraform our GitHub
- Using terraform I have built an Ec2 instance and VPC on AWS
- Using terraform I have to built VPC and their depends resources .
- Public and private subnets
- Internet Gateway
- Create public and private Routable
- Add Internet Gateway to public Routable
- Launch Ec2 in this VPC

Terraform CI/CD

- Integrated Jenkins with Terraform our GitHub
- Terafrom Git checkout stage, init stage,plan, stage,apply stage

Application CI/CD

- **Setup kubernetes cluster over Aws using terraform**
- **Connect kubernetes cluster with Jenkins**
- **So that whenever a Developer pushes code to github Jenkins job should Trigger**
- **It will Build the Docker Images,**
- **Push to Docker Repository**
- **And Deploy it to kubernetes cluster**
- **The application should update without downtime.**

Area of Expertise

Operating System : Windows XP, Linux Red Hat,,virtual Box

Programming Languages: Basic working knowledge of C, C++, Linux, Shell scripting, Python.

Database : Mysql,SQL server

Version Control Tool : GIT, Bitbucket

Domain Experience : **SCMof Build and Release**

Devops Tools : Jenkins CI/CD

AWS services : Ec2,s3,LoadBalancing,Auto Scaling,ElasticBeanstalk,Cloud Front, , Rout 53 ,Cloud Watch,Sns,Lambda, RDS

Education

- **MCA** inArunaiEngineering collage (Anna University)
- **B.C.A** in Jawahar Science college (Madras university
- **I.T.I in josephs college 1997 to 1999**
- **H.SC** in N.L.C Boys higher secondary school Cuddalore District
- **S.S.L.C** in VallalarGurukulamhigher secondary school ,CuddaloreDistrict

Employment Summary

- **Sep 23 2010 to 30 October 2021 Aws Devops Engineerin Foveal Services India LLP**
- **March3rd 2022to agust 10th teamwaresolution pvt It**
- **November 30th to may12th Capgemini Technology Service India Limited**

Personal Details

Name : Senthilkumar R

Father Name :Renganathan R

Mother Name : Anjalai R

Date of Birth : 09-05-1979

Gender :Male

Marital Status : Married

Religion : Hindu

Nationality : Indian

Hobbies : Reading Books, Watching Movies, Listening music, cricket.

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