Ramamoorthy Pachaimuthu

**DevOps - AWS Engineer** CELL: +91 9791575714[, raam71489@gmail.com](mailto:,%20raam714@gmail.com)

**LinkedIn:** https://www.linkedin.com/in/ramamoorthy-p-22367950/

**Technical Writer at ‘Code with me’:** https://github.com/raam714

**Technical Blogger at ‘Codementor’:** https://www.codementor.io/@raam714

* Overall, 10 years of IT experience in **DevOps**, **CI-CD**, **Build setup, Source Code Management,** **Automation and Development of high-end enterprise level application from scratch to release.**

## Expertise in Build Release Management, Automation, Continuous Integration, Automated Deployment and Development high end enterprise application.

* **Written technical Blogs on multiple technologies.**

# Education

**Bachelor of Engineering** Graduated, May 2010 Kongu Engineering College (KEC),

Perundurai,

Erode, Tamilnadu.

# Technical Skills

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| --- | --- |
| Global/Central/Remote Repo | GitHub, Gitlab, Bitbucket, Git ,RTC |
| DevOps Tools | Maven,MsBuild,Smartbear,Sonarqube,Appscan,Jenkins,Docker, Kubernetes, Ansible, Nexus,Blueprint,Junit,Nunit,Artifactory |
| AWS Cloud Services | Ec2, S3, VPC, ELB, IAM, SNS, AMI, EBS, CloudFormation,  CloudTrail |
| Web Services | Apache and Nginx |
| CICD Tools | Jenkins & Knowledge on Bamboo |
| Containerization | Docker |
| Container Orchestration | Docker Swarm & Kubernetes(k8s), HELM |
| Scripting Languages | Shell (Bash), YAML, Groovy,Powershell, Basic Python |
| Provisioning Tools | Terraform, Cloud Formation |
| Operating System | Windows, Linux, Unix, Windows Mobile, Android, Mac OS. |

**Professional Experience**

## Working as Technology Analyst for INFOSYS Ltd from JAN 2015 to Till Date

## Worked as Implementation Engineer for EGS Computers India Pvt Ltd from JUN 2012 to JAN 2015

## Worked as Lecturer for TIET from JUN 2011 to MAY 2012

**Project 5: VZ – Infra Implementation (May 2021 – Till Date) Role:** Infra Support Engineer

**Description**: Develop and maintain the new process and provides infrastructure support for the teams.

## Roles and Responsibilities:

* Designed and Implemented DevOps Solutions and Developed automation and deployment utilities
* Worked on Jenkins declarative script using groovy and implement the same
* Worked on Continuous Integration and Continues Delivery Model, Includes tools like **JIRA, GitLab, Maven, Jenkins, Ansible, Docker,K8s,Helm,Sonarqube,Fortify,Confluence**
* Developed Multiple Manifest **YAML** files for **Microservices** Deployments
* Provisioning Infrastructure in **AWS** using **Terraform**
* Helped set up Ansible, Docker, Kubernetes and Helm
* Worked with container-based deployment using Docker. Working with Docker Images, Docker hub & private registries
* Worked on Creation of Docker Images and Docker consoles for managing the application life cycle
* Created Docker file for each Micro services to deploy java-based application
* Worked closely with onsite team for knowledge transfer sessions and Documenting issues caused and resolved for future references.
* Defect tracking through JIRA and Proper bug Reporting ensuring all necessary information available in reported bug
* Created alarms and notifications for EC2 instances using Cloud Watch, and configured New Relic Monitor tool performance on all nodes

**Environments:** GitLab, Jenkins, Maven, Docker, Kubernetes, Artifactory, New Relic, AWS & Linux, SonarQube, JIRA

## Project 4: Blueprint Implementation (Jun 2020 – May 2021) Role: DevOps Consultant

**Description**: Blueprint and Jira integration using Tasktop

## Roles and Responsibilities:

* Primary responsibilities include requirement gathering, installation, configuring and implementing Blueprint tool
* Designed and Implemented **Blueprint- Jira** integration.
* Worked on new project creation, user creation and Group management
* Worked on **Tasktop** customization for Blueprint & Jira
* Developed and Implemented software release management strategies for various application according to **agile** methodologies (sprint + scrum master).
* Deployed the build artifacts into QA, UAT, and Production environments according to build life cycle.
* Training provided to Admin and End Users
* Supported on DevOps CI-CD pipeline issues
* Support daily build and product release.

**Environments:** Blueprint, Tasktop, Jira, Gitlab, SonarQube, Nexus, Jenkins

## Project 3: Elsevier Support (Jul 2019 – May 2020)

**Role:** Senior DevOps Engineer

**Description**: EDI stands for Electronic Data Interchange. It is the process by which data is pulled from the application and database and sent to the appropriate carriers

## Roles and Responsibilities:

* Configured Jenkins job with Git and Maven for generating artifacts.
* Responsible for maintaining backups in Jenkins
* Installed **Jenkins** and automated build process.
* Continuous Integration, Continuous Deployment and Automated Upload of test result build.
* Installing Ansible, Creating Inventory file and Ansible Configuration files.
* Complete Build Automation using Jenkins Source code checkout, Unit/UI Test case result publishing.
* Using branching strategy for source code management and Ansible files in Git.
* Configuring and monitoring **SonarQube** for code quality and **static code analysis**.
* Explored and Implemented container-based deployments using **Docker**, experience with **Docker images**, **Docker Hub** and **Kubernetes**.
* Responsible for creating jobs in **Jenkins** and monitoring daily operations in **Jenkins.**
* Maintaining of Backend interface and **CRON** jobs.
* Support daily build and product release.
* Monitor Build and provide proactive support to resolve build issues.
* Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), Autoscaling.

**Environment:** GitHub, Git, Jenkins, Maven, Ansible, Apache Tomcat**.**

## Project 2: LAM IT Transformation (Mar 2017 – May 2019)

**Role:** DevOps Track Lead

**Description**: Create, enable and implement CI-CD pipeline for all applications which are present at entire PODs in Leading Bank at LAM Region.

## Roles and Responsibilities:

* Leading DevOps Distributed track as well as DevOps Mainframe Track.
* Issue triaging and escalation whenever required
* On call support on critical issues reported by the application teams, support team and customers
* Responsible for doing POC for new tools and implement CI-CD pipeline for all Apps
* Overseeing the implementation of code quality & code review tools.
* Conducting training for DevOps tools which are present in the Bank
* Involved in creation of Weekly Status Reports, Monthly Milestone report and sharing with the client as well as internal team.
* Responsible for configure entire tools setup to new joiners in the team
* CI/CD automation using Jenkins for Java and .NET Application
* Responsible for creating jobs in **Jenkins** and monitoring daily operations in **Jenkins.**
* Maintaining of Backend interface and **CRON** jobs.
* Support daily build and product release.

**Environments:** RTC, Jenkins, Maven, Nexus, Appscan, IQ Server, Junit, SonarQube & Linux, G3, JIRA

## Project 1: O and I - CC and CQ Migration (Jan 2015 – Feb 2017)

**Role:** DevOps Engineer

**Description**: Migration of VOBs from ClearCase to GIT/BitBucket, ClearCase to SVN, ClearQuest to JIRA & build artifacts from ClearCase to Jfrog Artifactory Pro

## Roles and Responsibilities:

* Responsible for migrate both UCM and Base VOBs from **ClearCase to BitBucket**.
* Expertise in migration requirement analysis and checklist preparation.
* Responsible for migrate VOB from **ClearCase to SVN.**
* Configured and migrated application from **ClearQuest to JIRA**.
* Resolving stakeholders queries in Bitbucket/SVN
* Responsible for migrate build artifacts from **ClearCase to Jfrog Artifactory** Pro.
* Coordinating and fixing issues related to SCM Tools (GIT and SVN).
* Responsible for the providing user roles and creating appropriate access in the system.
* Involved in the creation of Automation Script for migration process to migrate multiple VOBs at a time and got appreciation from client.
* Attending the daily status calls walkthroughs both internal to the team and with client.

**Environments:** ClearCase, ClearQuest, Bitbucket, SVN, GIT, JIRA, Artifactory, Powershell

# Certifications and Awards

* Achieved **“Spot Award July 2017 “**from Infosys Technologies, Mexico.
* Won **“Quality half yearly R&R Ceremony Award for 2017”** from EQS unit at Infosys, India.
* Infosys DevOps Professional Certification
* DevOps – Development to Deployment
* AWS Concept – Udemy
* Docker Essentials – Udemy

# Personal Interests

* Technical Writing, Ideating and brainstorming.
* I’m fond of Cooking and love to travel when I’m free