Ramamoorthy Pachaimuthu

DevOps - AWS Engineer   CELL: +91 9791575714, raam714@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

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

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.
- Helped set up Ansible, Docker, Kubernetes and Helm
- Worked with container-based deployment using Docker. Working with Docker Images, Docker hub & privateregistries
- 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   (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