**Ramaraj**

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# Career Objective

To utilize my skills and knowledge gained so far to provide solutions in the field of Devops Configuration & Build and Release Management and continuously upgrade myself to adapt to the need of the organization.

# Core Qualifications:

# Overall 8 years of IT experience in, Configuration Management, Build and Release Management, Version control Management using GIT , Jenkins, Teamcity, Artifactory, Puppet, Ansible, Octopus, Docker, Kubernetes.

* Good understanding of the processes in Software Development Life Cycle, experience in practicing **Agile** and **water fall** methodologies.
* Solid Experience with Linux (**Red Hat Linux, Ubuntu, Cent OS**) Administration.
* Experience with server side and Load balancing technologies such as **Apache, Nginx, and HAproxy.**
* Experience in static code analysis **Klocwork** and code review tool **Code collaborator**.
* Experience with continuous integration systems **Teamcity** and **Jenkins.**
* Proficient with **Git and Git workflows**.
* Server automation with **Ansible** and **Puppet** Configuration management tools.
* Experience with container orchestration system such as **Docker and Kubernetes.**
* Hands on Experience in Repository management, project management and User management on

**Atlassian –Crucible/Fisheye tool.**

* Experience with service discovery/mesh such as **Envoy and Consul.**
* Experience with server monitoring systems like **Zabbix, AppDynamics, Nagios** andLog analytics tool such as **Splunk.**
* Experience in Ticket monitoring tool **BMC Remedy, HPSM and Service Now.**
* Experience in **JIRA** project creation, Project customization, User Management, Plug-in Management etc.
* Shell programming experience with Bash, Strong command-line and experience with at **Python**.

# Educational Qualification:

* Bachelor of Technology (B.Tech-IT) in 2010 from PSNA College of Engineering, Dindigul, Tamilnadu.

# SKILL SET

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| --- | --- |
| **SCM Tools Experience** | **GIT,Github, Bit Bucket, Perforce.** |
| **Code Review Tool** | **Code collaborator ,Crucible /Fisheye** |
| **Build and Release tools** | **Jenkins, TeamCity** |
| **Web/Application Servers/Proxy** | **Nginx, Apache Tomcat 7, HaProxy, Istio, Envoy** |
| **Continuous integration** | **Teamcity , Jenkins** |
| **Code Analysis Tool** | **Klocwork** |
| **Operating Systems** | **Microsoft Windows , Linux, Cent OS** |
| **Script Languages** | **Shell , Bash** |
| **Server Monitoring Tool** | **Zabbix , Add Dynamics, Consul, Nagios** |
| **Configuration Management Tool** | **Puppet, Ansible** |
| **Containersation** | **Docker Products** |
| **Log Analysis** | **Splunk** |
| **Binary Repository** | **Artifactory** |
| **Deployment Tool** | **Kubernetes, Octopus** |
| **Ticketing Tool** | **Service Now, Remedy, HPSM, JIRA** |

# PROFESSIONAL EXPERIENCE

Working as **Lead Engineer – HCL Technologies**

# Client: Commonwealth Bank May 2018 till date

# Role: Devops Engineer

###### Responsibilities

* Setting up the containers using **Dockers Product** and project configuration enablement in developer workspace.
* Build servers in **cloud** **based** and **physical** **infrastructure**.
* Working on deployment of multiple software programs and web/application in staging & Production servers in **Octopus**.
* Responsible for Staging and Production servers **Load balancing / network traffic** issues.
* Performing Firewall and Connectivity Tests.
* Creating new project and Release in **Octopus** for Staging and Production servers’ deployment.
* Monitoring the servers from **AppDynamics** and log analyzing in **Splunk** while issues occurring in production servers.
* Managing the Change Records for each production server changes and global wise deployments.

# Client: INTEL May 2017 to Apr 2018

# Role: Build and Release Engineer–Level 2

###### Responsibilities

* Designed Software Configuration Management (**SCM**) Plan to manage the artifacts, including requirements and hardware configurations of each environment.
* Setting up the multiple tomcat servers and project configuration enablement in developer workspace.
* Automated the Build and Continuous integration tool using **Teamcity** and **Artifactory** .
* Performing cloning of repositories, Creating sub modules branches, and tags in **stash** and **GIT**.
* Performed **merging** **techniques** to merge the source elements of different versions
* Build servers in **cloud** **based** and **physical** **infrastructure**.
* Used sub modules in the **GIT** and educated users working with sub modules in **GIT**. Configured plug-ins for the integration tools to the version control tools. Worked with the developers to configure plug-ins through eclipse to develop code
* Implemented Continuous integration effort with **Teamcity** along with **scheduled** **builds** for Releases.
* Installed and administered Artifactory repository to deploy the artifacts generated by Maven.
* Configuration and Installation of Teamcity **Plugin** integrated with SCM tools and deploying on the Teamcity server.
* Administration of **Crucible /Fisheye,** integrating with SCM tools.
* Repository management and project management for **Code review** tool Code-collaborator.
* Installation and server setup on code analysis tool using **Klocwork** on Linux and Windows environment.
* Troubleshooting **MISRA** checkers issue in klocwork and configuring it with the Project.
* Restoration of Artifacts data from backup server in Artifactory .
* Maintaining the **Server Monitoring** tool using **Zabbix** for Production, Development and Sandbox server.

# Client: Tivo Inc. Oct-2015 to Apr-2017

**Project** **description**: Creating new project in **Linux**-**Centos** environment with Klocwork commands and made the continuous integration using Jenkins. Debugging and fixing the code using Klocwork checkers. Tracking the bug with Bugzilla and script created through in Klocwork for automatic Bug creation. Using Code collaborator to create review and make participate to all developers/owner/reviewer for completing the review.

# Role: Software Engineer

###### Responsibilities

* Setting up new environments for **Code analysis and Code review Tools** for **Klocwork, Code collaborator**.
* Repository and user management using **Artifactory** Tools.
* Continuous Integration and Deployment with **Jenkins** configuration.
* Identify root cause, and resolve problems with raising ticket in JIRA.
* Automatic Bug creating using shell script in **Bugzilla**.
* Application Log files analysis to troubleshoot application problems on application and web server side. Applying **labels**, creating new **branches** for supporting development.
* Debugging and fixing the code in **C, C++**.

# Client: Vodafone Jan-2012 to Apr-2015

**Project** **description**: Trouble shooting and fixing Network infrastructure related issues as well as monitoring the Performance of the customer server’s.

# Role: Software Engineer

###### Responsibilities

* Providing Network implementation & Technical support for data-common issues, including LAN/ WAN infrastructure, switching, routing and incident management.
* Making use of Clarity OSS for managing Service Requests (Network & Customers).

Identify root cause, and resolve problems with raising ticket in HPSM.

* Assisting Problem Management on identifying root cause of incidents which require to be proved as a known issue, and applying a standard fix to any related incidents afterwards
* Providing application and systems management
* Working with regional infrastructure teams to implement/execute change requests
* Detecting, reporting and fixing of poorly performing systems using agreed monitoring tools and processes
* Responsible for the support and maintenance of infrastructure and applications across the Workplace portfolio
* Providing first-class system support from initial client contact to closure
* Administering system access

**Achievements:**

* Achieved **“LIVEWIRE Award”** from HCL for best team player**.**
* Achieved **“Spot Award from”** HCL for best performance in the team.

**Ramaraj**

**Bangalore**