



JanithaMadushan  
Software Engineer

Address

No:04, "Sunhill,"  
Vajirapura,  
Nuwara-Eliya  
Sri-Lanka

Phone

+94 71 57 81 553  
+94 75 97 46 502

Mail

janithasen@gmail.com

Web

linkedin  
stackoverflow  
github

Languages

Sinhaleese (Native)  
Englsh

Civil status

Married

OS Preference

Windows ★★★★★  
Linux ★★★★★

Programming

Java ★★★★★  
C ★★★★★  
Pyhon ★★★★★  
.NET ★★★★★  
PHP ★★★★★

Experience

- Nov. 15 - Now

Software Developer

Cambio Software Engineering

I am working in automation team in configuration management team as a software developer. My responsibility is to automate manual tasks in continuous delivery, continuous integration and management tools. On that tasks I developed various tools using various technologies. Mainly I developed tools using maven-plugins(MOJO), JAVA and various technologies.
- Oct. 15 - March.16

Internship

IFS R&D

I worked with "Technology" team and two distinct internal projects during my internship. I developed one internal application and a research project. In that period I exposed to ASP.NET, ORACLE 11G/12C, PLSQL, ANDROID and JAVA.

Education

- Aug. 11 - June 15

Computer Engineering

Faculty of Engineering, University of Peradeniya

I followed computer engineering at Faculty of engineering of University of Peradeniya, Sri-Lanka. There I specified in software engineering

Projects

- Oct. 16 - Now

Package Automation tool(Continuous delivery)

Stacker

Stacker is continuous delivery automation tool. This works on fully mavenized environment. Stacker can be used as an JAVA application or as a maven plugin, it generates multi-module pom structure configured with different maven plugins(Two different frameworks are used in the product, those packaging in different orders, uses different plugins) using matadata(An artifact is released to nexus). Finally the package can be generated using the pom structure. This stacker is recently using as a maven plugin which is configured in a jenkins job, the job has also integrated with JIRA. Now the package requester can create the package him self. This has configured as a pipeline project in Jenkins job. Also a different phase is used in the pipeline with maven plugin to update package information management tool(Snooper) with its api.(Java, Maven-plugins,Jenkins, Jenkins-pipelines, Nexus, JIRA)
- Aug. 15 - Oct. 15

Packaging data management tool

Snooper

This is a sub-project of package-automation(Stacker) project. An application was needed to store the packaging information. Snooper provides and restful-api and graphical user interface to do necessary operations.This snooper architecture is based on micro-services-architecture. It is used micro-service architectures with Spring Cloud and Docker.(Spring-cloud, Spring, hibernate, ms-sql, AngularJs, Java)

June 15	<b>Device dependent CAPTHCHA System</b> CAPTCHA system that provides suitable CAPTCHAs for suitable devices by detecting the device, then provides the CAPTCHAs as their functionalities and usability.	<a href="#">Final Year Project</a>
June 15	<b>IFS Rest Data service</b> Research on exposing database hosted server APIs as RESTful services. Demonstrated using MS excel office application	<a href="#">Internship Project</a>
June 15	<b>IFS Day-Care Application</b> Web based application used by IFS employees to reserve the day-care facility at IFS. (Used ASP.NET, PLSQL, Oracle 11g database, Android, Java)	<a href="#">Final Year Project</a>
June 15	<b>Multi User Chat Room</b> Particular number of clients can be connected with the server. If any client sends a message, subsequently the message will be broadcasted to the other client. (C, Socket programming, Multi-Threading)	<a href="#">Systems &amp; Network Programming Lab</a>
June 15	<b>Tag Cloud</b> Get most frequent words from multiple HTML files which are in multiple directories and creates a tag cloud out of those words using a SVG. (C, Unix Shell Scripting, Multi-Processing )	<a href="#">Systems &amp; Network Programming Lab</a>
June 15	<b>Microphone Alternator of Android</b> This system mainly has clients and main server application. The client requests to connect with the server application to uni-cast the sound stream. Subsequently, the client gets the access token to connect to server client can start uni-casting the sound stream (thorough smart-phones microphone). The server application plays the sound stream. (Android, Java, UDP Socket Programming, multi-casting, uni-casting)	<a href="#">Computer Engineering Project</a>

References upon Request

I do here by certify that above particulars are true and correct. If you are pleased to consider me suitable for your company and select me as an employee, it will be my earnest endeavor to discharge the duties entrusted to me, to the best of my ability and rise to your expectations.

*Janitha Madushan*  
*December 28, 2017*