Janitha Madushan
Software Engineer

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June 02,1990

WEB
Linkedin

Stackoverflow

Github

OS PREFERENCES
Windows ★★★★★
Linux ★★★★★

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

EXPERIENCE

Nov. 15 - Now   **Software Developer**   Cambio Software Engineering
I am working in automation team which is a sub team of configuration management team, as a software developer. My responsibility is to automate manual tasks & develop tools in continuous delivery, continuous integration and management tools. On that tasks, I developed various tools using various technologies. Mainly I developed tools using JAVA, Spring, Hibernate, AngularJs, maven-plugins(MOJO) and various technologies.

Oct. 15 - Mar.16   **Internship**   IFS R&D
During my Internship I involved in two different projects, internal application and research project. In that period I exposed to ASP.NET, ORACLE 11G/12C, PLSQL, ORACLE-APEX, 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. I specified in Software Engineering.

PROJECTS

Snooper   Packaging(Installation Distribution) Data Management Tool
This is a sub-project of package-automation(Stacker) project. This application stores the packaging information. Snooper provides and Restful-API and GUI to do the necessary operations.
Snooper architecture is based on micro-services-architecture. It is used micro-service architectures with Spring Cloud and Docker.
(Spring-cloud, Spring-boot, Hibernate, Ms-Sql, AngularJs, Java, Docker)

Stacker   Packaging Automation Tool(Continuous Delivery, Team CI)
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, packaging is done in different orders), using matadata(An artifact is released to nexus). Finally the package can be generated using the pom structure which is based on the baseline.
This stacker is recently using as a maven plugin which is configured in a Jenkins job, the job has also integrated with JIRA(using JIRA & Jenkins plugins). Now, the package requester can create the package him self.
Stacker has also configured as a pipeline in the Jenkis-job. Also a maven plugin is used to update package information management tool(Snooper) using it's Restful-APIs'.
(Java, Maven-plugins, Jenkins, Jenkins-pipelines, Nexus, JIRA)

ART Archetypes Replacement Tool(Continuous Delivery)

Previous days we had Maven-based Archetypes to generate packaging pom structures to create specific distributions. ART tool is a web based solution to create the packaging structures. Any user can login using AD and admins are only allowed to maintain configurations.

(JAVA, Spring, AngularJs, Spring-Security, Hibernate, JBoss, SOA)

Microphone Alternator of Android Computer Engineering Project

This system mainly has clients and main server application. The client requests to connect with the server application using multi-casting. Subsequently, the client gets the access token to connect to server then the particular client can start uni-casting the sound stream (thorough Android smartphones). The server application plays the sound stream.

(Android, Java, UDP Socket Programming, multi-casting, uni-casting)

Device Dependent CAPTHCHA System Final Year Project

CAPTCHA system that provides suitable CAPTCHAs for suitable devices by detecting the device, then provides the CAPTCHAs as their functionalities and usability.

IFS Rest Data service Internship Project

Research on exposing database as RESTful services. Demonstrated using MS excel office application.

(ORACLE 12/C, ORACLE-APEX, OFFICE-APPS, PL-SQL)

IFS Day-Care Application Internship Project

Web based application used by IFS employees to reserve the day-care facility at IFS.

(ASP.NET, PLSQL, Oracle 11g database, Android, Java)

Multi-User Chat Room Computer Engineering Project

Particular number of clients can be connected with the server. If any client sends a message, subsequently the massage will be broadcasted to the other clients.

(C, Socket Programming, Multi-Threading)

Tag Cloud Computer Engineering Project

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)

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 31, 2017