

JanithaMadushan

Software Engineer

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MAILING

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BIRTHDAY

June 02,1990

WEB

Linkedin

Stackoverflow

Github

OS

Windows ★★★★★
Linux ★★★★★

LANGUAGES

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

TECHNOLOGIES

Spring ★★★★★
Hibernate ★★★★★
JQuery ★★★★★
AngularJs ★★★★★
Docker ★★★★★
Kubernetes ★★★★★
Jenkins ★★★★★

DATABASES

MySql ★★★★★
MsSql ★★★★★
Oracle ★★★★★

EDUCATION

Aug. 11 - June 15 **Computer Engineering** Faculty of Engineering, University of Peradeniya
Bsc. Computer Engineering at Faculty of Engineering of University of Peradeniya.

EXPERIENCE

Nov. 15 - Now **Software Developer** Cambio Software Engineering
Working as a Software Engineer and playing Senior Software Engineer role in Product development and DevOps teams. Cambio Software Engineering is committed to define and build the e-health generation. "Cambio" is the first company to have developed a platform, "Cambio Spider", that makes it possible to integrate all IT-support in a health-care organization. I worked in a very challenging environment because I had to research a lot and complete the tasks in the limited time given. In that tasks I used various technologies and strategies.
I developed applications using **Java, Spring, Hibernate, EJB, AngularJs, Junit, Mockito, MsSql, MySql** and various latest technologies. Also I exposed to many "DevOps" technologies in this period (**Docker, Kubernetes, Maven-plugins, Maven, Jenkins, Nexus, Git, Subversion, SonarQube**).

Oct. 15 - Mar.16 **Internship** IFS R&D
I developed one internal application and one research on "Oracle Application Express". Technologies I used in that period are **ASP.NET, ORACLE 11G/12C, PL-SQL, ORACLE-APEX, Android and Java**.

PROJECTS

Snooper Delivery Information Management Application
This is a sub-project of "Stacker" project. This application stores the delivery information using a trigger from "Stacker" tool through it's RestfulAPI and graphically represents information using "AngularJs" based front end application. Backend has implemented Spring-Cloud based micro-services. "Redis" implementation used as Hibernate 2nd Level caching. "Elastic Search", "Logstash" & "Kibana" integration(ELK) is used to monitor the logs, "Grafana" & "Prometheus" integration used to monitor the states of the application. Application containerized using "Docker", "Docker-maven-plugin", Jenkins & Jenkinsfile used to build the application. Docker-Compose is used to deploy the application. (**Java-8, Spring-cloud, Spring-boot, zuul-proxy, Hibernate, AngularJs, Docker, Docker-Compose, Gulp, Micro-Services, SpringJunit, SonarQube, MySql, Redis, Jenkins, Jenkinsfile, Kibana, Logstash, Elastic-search, Prometheus, Grafana, Git Linux**)

Stacker Delivery Automation Tool
This is a maven-plugin which generates multi-modules pom structure using BOM(Baseline POM) and MetaData(Artifact) according to different types of modules in the BOM(Dependencies). The rest is done by the maven-plugins have configured in the POMs. This main plugin is configured in a Jenkins Job and all of plugins have released to nuxus. (**Java-8, Maven-plugins, Jenkins, Jenkins-pipelines, Junit, Mockito, SonarQube**)

ART

[Delivery Application](#)

This is a web based delivery application which generates specific pom structure is used inside the company based on BOM(Baseline POM). The application consists a database which holds necessary data. The application is integrated with AD and roles are saved inside the application since this is a role based application. **(JAVA-8, Spring, Spring-Security, Hibernate, AngularJs, JBoss, SOA, MSSQL, T-SQL, Junit, Mockito, SonarQube)**

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, PL-SQL, ORACLE-APEX, OFFICE-APPS)**

IFS Day-Care Application

[Internship Project](#)

Web based application used by IFS employees to reserve the day-care facility at IFS. **(Java, Oracle 11G, PL-SQL, Android, ASP.NET)**

Microphone Alternator of Android

[Computer Engineering Project](#)

This system mainly has clients and main server application. The client requests to connect to the server application. Subsequently, the client gets the access token to connect to server then the particular client can start streaming sound (thorough Android smart-phones). **(Android, Java, UDP Socket Programming, multi-casting)**

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)**

ASSOCIATIONS

IESL

Associate Member of Institute of Engineers Sri Lanka

References available 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

September 11, 2018