

Richard Yogaratnam

Software engineering undergrad passionate in solving problems using programming

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EXPERIENCE

Undergraduate Trainee at IFS R & D, Sri Lanka

November 2018 - July 2019

Developed automated tests for core web client application of main IFS client application, IFS Aurena client.

The tests were developed using katalon to test applications flows in product areas and framework controls, these tests were used in (CI/CD).

EDUCATION

BEng Software engineering (final year) - London Metropolitan university

Expected - september 2020

PROJECTS

MARK - 1

An object arranging robot that can be controlled using a web application

Role : Developed interface, Database and backend operations.

Technologies : HTML, CSS, C++ ,ESP8266 IOT platform

NoSpam

An android app that silents the phone from spam SMS.

Developed machine learning model and developed the android app.

Technologies : keras, tensorflow lite, Android

[Days2exp](#)

An android app that stores and notifies expiry dates.

ALFRED (finalist -TOP 10 NIBM software competition 2017 out of 46 Teams)

Android application and smart wallet that helps to track money spending and provides tips to save money.

Developed android App and wallet using arduino.

Technologies : Arduino uno, c++, java, MPAndroidChart library

LANGUAGES

Java, PHP, Javascript, python, c++, c#, c

SKILLS

Data structures, Algorithms and OOP

Database design and SQL

Familiar with Linux, UML, DFD, Android studio ,

Firebase, Google cloud, AWS, keras, React, Flask, Nodejs, Redis , SVN, katalon and

Github(<https://github.com/markrichie96>)

AWARDS

Finalist NIBM software competition -2017 out of 46 teams

Participated in HSBC Youth Enterprise Ideathon and Awards-2015