Ishara De **Silva**

SOFTWARE ENGINEER

Education

University of Moratuwa

Faculty of Information Technology

Reading for Honors Degree of Bachelor of Science in Information Technology.

G.C.E. O/L 2010 (Results: 9A s)

G.C.E. A/L 2015 – Biological Science

(Results: Chemistry –A, Biology-B, Physics-C).

Work Experience

Software Engineering Intern.   2019 July - 2019 Dec

Aspitio (pvt) Ltd.

Contributed to develop the HR module in the "Akura" School Management System.

Technologies: Angular 9, NodeJS, MySQL

Projects

B.Sc. Level 4 Final Year Project-Computer Vision Based QA System to Detect Defects in Printed Embossed Fabrics (Ongoing project).

An Image Processing based approach with three main modules including Background Removal module, Segmentation module and QA module for detecting defects in Printed Embossed Fabrics.

Technologies: Python, Image Processing .

Internship project - Akura School Management System (07/2019 - 12/2019).

Contributed to HR module development for the School Management System. Technologies: Angular 9, Node.js, MySQL, JavaScript, Git, Postman API Testing.

B.Sc. Level 2 Software Project - Collaborative portal for booking (01/2018 - 12/2018) .

An Industry based project to book many properties such as hotels, apartments, houses, restaurants, banquets and meeting rooms through a single platform. Payment engine is added to handle payments.

Technologies: PHP Laravel, Bootstrap, JavaScript, AJAX, jQuery, Ionic.

B.Sc. Level 1 Hardware Project - Automated umbrella dryer and holder (01/2017 - 12/2017) .

A hardware project to make an automated system to dry wet umbrellas and hold them. This makes easy to people in rainy days. Technologies: C, Atmega32 Microcontroller, Stepper motors, IR sensors.

About

I am a dedicated and self-motivated final year undergraduate with the ability to work collaboratively with people and adapt to the dynamic IT industry by quick learning of new technologies, and eagerly looking to build a successfulprofessional career in Software Engineering field.

Contact

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in linkedin.com/in/ishara-de-silva/
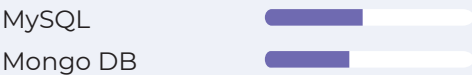
○ github.com/IsharaDeSilva

Skills

Programming Languages

Java

C

Python

Web Development

JavaScript

NodeJS

Angular9

HTML

CSS

Bootstrap

Databases

MySQL

Mongo DB

Ontology Based Project
A semantic web search for analysis of a food domain and mainly focused on Ontological modeling.
Technologies: Protégé, SPARQL

Research Works

Artificial Intelligence for Healthcare Independent Research (2019)
An individual research study that was carried out to evaluate AI approaches in the health care domain.

Professional Qulifications

Server-side Development with NodeJS, Express and Mongo DB
Successfully completed at Coursera

Front-End JavaScript Frameworks: Angular
Successfully completed at Coursera

Object-Oriented Programming with Java
Successfully completed at Coursera

Advanced certificated in English Language
Successfully competed in NIBM

Participated Hackathons

Hack Moral – IT faculty coding competition (2018)
participation

MoraXtreme coding competition 3.0 (2018)
participation

FIT Code:RUSH–IT faculty coding competition (2018)
participation

FIT Code:RUSH–IT faculty coding competition (2020)
participation

Other Qulifications

Information Technology Society (INTECS) - (2017- Present)
Member

FIT moments – IT faculty media society - (2017- 2019)
Deputy Head in Videography Pillar

UOM GAVEL Club - (2019)
Member

Writer at Medium
hihdesilva-68009.medium.com

Writer at LinkIT in INTECS
University Of Moratuwa

Non Related References

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IDES

Webstorm
PyCharm
Visual Studio Code

Version Control

Git

Operating Systems

Windows
Ubuntu

Related Course Works

Digital Image Processing

Data mining and Warehousing

Semantic web and Ontological Modeling

Human Computer Interaction

Non Technical Skills

Interpersonal Skills

Quick Learner

Leadership

Creativity

Communication Skills

Documentation Skills

Interests

Music   Badminton   Travelling