



Dimuthu Wickramanayake

Software Engineer



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About me

I'm a passionate individual who is looking for an opportunity in software engineering industry. I really like to work in a challenging environment where i can use my engineering thinking pattern. I love working in a team and i really like to work in a place where i can develop my leadership skills.

Technologies Familiar with:

Java

C++

Javascript

PHP

Python

MySQL

TensorFLOW

PLSQL

Ember

Android

Angular

Spring boot

Interests

Computer engineering, Algorithms, Machine Learning, Web Development, Neural Networks

Education

2014 - 2019 B.Sc. Engineering University of Peradeniya
Specialized in computer engineering - GPA 2.97

2020 - M.Sc. in CS University of Moratuwa
Specialized in Data Science, Engineering, and Analytics

Projects

Neural Game This is a neural network project. Here the rock paper scissor game was implemented using a convolutional neural network. Live camera feed is taken and then using opencv-python images are processed and game is implemented using the trained neural network.
python, opencv, tensorflow

Shop4Me Shop4Me is an android application where users can either go shopping for someone or let someone do shopping for them. Developed mainly using android. Firebase was used as the online database.
Android, Firebase

CredPOS CredPOS is a java POS system developed as a product to be used in small scale shops. Main advantage of this system is user only need to use the keyboard to do all the operations. So fast service can be given.
Java, Swing, MySQL

PacMan PacMan is an undergraduate academic project where the frontend was developed using javascript and logic was developed using java EE. Http Servlet was used to manage web requests.
Java, Servlets, Javascript

Warehouse Warehouse is a php system for managing all the task of a store. This was designed on a customer request for a biscuit company dealer. Technologies like javascript, ajax and many fine technologies were used to meet the best satisfaction of the customer.
PHP, Javascript, JQuery, AJAX

SMSPOT SMSPOT is an android application designed to find a stolen or lost android phone. Here application would run as a background process and when a specific message is received by the phone app will read it and send back a sms with details about it's location
Android

Cricket App Tournament management system is a web system designed with a php backend and html, css and js in the frontend. This was designed by a request from CSN to the Peradeniya engineering faculty.
PHP, Javascript, MySQL

ERP system This was a group project. Team was selected by a client in Ethiopia and 5 team members including me designed the system. System is designed using 4 android applications and one php system. I designed one of the android application.
Android, MySQL, SQLite, PHP

Kapuwa.com	This was done as a Hackathon project and the system was a matrimonial site where preferences were taken according to a special algorithm which was later hoped to be developed with a AI platform. PHP, Javascript, MySQL
CredAir	A flight reservation system designed using C#.Net as the client and Oracle as the database. PL/SQL was used for business logic. C#, Oracle, PL/SQL, .Net
Quad-copter	This is my final year project where an image processing system was designed for a quad-copter. C++ was used with opencv and aruco libraries to design the system. System would be capable to land the quad-copter autonomously by identifying the target landing mark. C++, ARUCO, OPENCV

Awards

2019	The Migara Rathnatunga trust award from IESL for industrial training
2018	Aces Hackathon runners up (Shop4Me)
2017	Aces Hackathon second runners up (SMSPOT)
2017	HackX participation (Goblins)
2017	IEEE XTREAM participation
2016	Aces Hackathon participation (kapuwa.com)
2016	IEEE XTREAM participation

Experience

Intern	Six months industrial training While in the training I developed IVR applications using Wavenet Fusion platform. After that mainly I developed a system called Wavenet dispatching solution from meeting the customer to presenting the product as a full stack developer. System contained two android applications and a web system. Moreover a java web application was also built by myself for an IVR project to handle request from Fusion studio.	Wavenet Solutions
Software Engineer	2019 May - Present Working in a Stock exchange handling application called Universal App.	DirectFN

Clubs and Societies

Since 2016	Member of AIESEC in Kandy
2017	OCVP - Aarogya 3.0 Project
2016	Volunteer - Wings
2017-2018	Committee member - ACES

Review

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