

Kusal Thiwanka

Software Engineer

Personal details



Kusal Thiwanka



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September 18, 1995



Male



Sri Lankan



Single



kusalthiwanka.com



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Skills

JavaScript	●●●●●●
React	●●●●●●
Python	●●●●●●
Django	●●●●●●
HTML / CSS	●●●●●●
PHP	●●●●●●
Solidity	●●●●●●
MySQL / PostgreSQL	●●●●●●
MongoDB	●●●●●●
REST APIs	●●●●●●
Linux Environment	●●●●●●
Docker	●●●●●●
CI / CD	●●●●●●

Profile

I am Software Engineer with more than three years of experience on developing scalable web applications and working across the full stack. Experience in analysis, designing, development, implementation and testing of various internet base applications. Expert in several of languages and platforms. I'm utilizing my knowledge to solve practical problems in the real world and getting opportunities to step beyond my comfort zone and extend my expertise while providing significant service to the community.

Education

B.Sc. (Hons) Information Technology

Jan 2016 - Mar 2020

University of Colombo, Colombo

GCE Advanced Level & Ordinary Level

Jan 2005 - Dec 2014

Mahanama College, Colombo

Mathematical Stream

Certification

Blockchain Specialization Certification

Sep 2020

University at Buffalo

Online Coursera Certification - Grade 98%

Programming for Everybody (Python)

Jun 2020

University of Michigan

Online Coursera Certification - Grade 99%

Employment

Software Engineer

Apr 2020 - Present

KILATECH Software Development Company, Colombo

Work in KILATECH software development company as Software Engineer which involved in various projects covered software engineering concepts, development, testing and best practices. These are the main project that I was developed

- Shopify Applications Development (countdown timer, currency convertor, shipping bar etc.)
- Video Content Protection Service
- Shopify Applications Integration Supports

Trainee Software Engineer

Apr 2019 - Dec 2019

FMI (Pvt) Ltd, Colombo

Worked in Facilities Management Integrated (Pvt) Ltd in the Enterprise Development as a assistant software engineer which involved in various projects covered software engineering concepts, development, testing and best practices. These are the main project that I was developed

- Proposal Management System
- Mailroom Tracking System
- FMI Feedback Mobile App

Apache & NginX	● ● ● ● ●
GCP / AWS	● ● ● ● ●
Git and GitHub	● ● ● ● ●
Moodle	● ● ● ● ●
WordPress & Shopify	● ● ● ● ●

Languages

English	● ● ● ● ●
Sinhala	● ● ● ● ●

References

Dr. Hiran H E Jayaweera, Senior Lecturer

University of Colombo, Sri Lanka
 hiran@phys.cmb.ac.lk

Mr. G P N Boteju

University of Colombo School of Computing, Sri Lanka
 gpn@ucsc.cmb.ac.lk

Mr. Rukshan Perera

FMI (Pvt) Ltd, Colombo, Sri Lanka
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Projects

Learning Management System

This is a cloud base Learning Management System that include high-level video protection services. Teachers can manage their classes monthly base or course base.

• Django • React • REST • PostgreSQL • GCP

Online Video Player (Partnership with KILATECH)

This video player provides high level content protection service to secure your precious video content from being downloaded.

• Java • Django • React • REST • MongoDB • GCP

Custom POS System for Jewelry Shop

This point of sales system has stock management, customer tracking and jewelry certificate printing options. This system that can help Inupa Jewelry company to speed up and manage their day to day works very efficiently.

• Django • React • REST • PostgreSQL • GCP

Custom CRM System (Final Year Research Project)

This system that can help FMI company day to day works. Proposal Management System is a web application designed with many features to help the proposal creation process. And Mailroom Tracking system also a web base system that can track all internal and external delivery process

• PHP • JavaScript • HTML/CSS/Bootstrap • jQuery • Apache • MySQL

Garbage Management System – IOT

This system provides innovative and eco-friendly waste management solutions. This System has IOT device and Tracking Mobile app. IOT device identify garbage level and send data to server. Data is collected and monitored on our Mobile App.

• AVR • Arduino • Android Studio • Firebase

Research Project

Analyze and Redevelop Custom System (Industrial Research Project)

Undergraduate Industrial Research Project, University of Colombo, Sri Lanka
 Analyze exciting two separate generic system's weaknesses and adaptability issues and redeveloped cloud base multi-access custom system to manage proposal creation process and parcel tracking process.