



Hasitha Athukorala

BSc Eng Hons

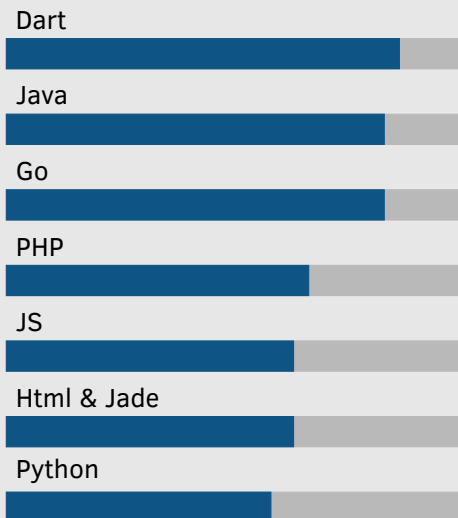
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Education

University of Moratuwa
BSc Eng Hons in Computer Science and Engineering

Ananda College, Colombo 10
GCE A/L Examination (2015) - All A's for Physics, Chemistry, Combined Mathematics
Island rank: 187 | Z score: 2.4078

Languages



Graduate in Computer Science and Engineering with 5+ (2016 - 2021) years of experience in freelancing. A friendly yet hard-working individual with a passion towards Computer Science, Especially interested in learning and practicing cutting-edge technologies.

Experience

WSO2 Lanka PVT LTD | Software Engineer | April 2021 - Present

- Back-end of the project Choreo
A runtime with microservices, deployed in Kubernetes. Implemented some features relating to the account migrations of the users
`Go` `MySQL` `Kubernetes` `gRPC`
- Low-code editor of the project Choreo
Mainly written with React JS. Implemented some features related to generation of code segments using templates
`React` `Ballerina`
- Framework for contract testing
A docker image to be executed to test the live API endpoints against the written contracts
`Java` `Docker`
- Async api spec to Ballerina code generator
Generate the syntax tree from the Async ape specs which describes the Event APIs, then convert the syntax tree into a Ballerina code snippet
`Java` `Ballerina` `AsyncAPI`

Final Year Project | 2020 - 2021

- Blockchain interoperability
Design and implement an interoperability protocol for blockchain networks Enable information sharing between 2 different blockchains so that the transactions can be executed across different networks while maintaining transaction semantics
`Solidity` `C++` `Smart contracts` `EOS` `Provable` `Infura`

WSO2 Lanka PVT LTD | Internship | 6 months

- Istio mixer adapter and a telemetry receiver
Implemented an Istio mixer adapter for Cellery mesh observability and an receiver to collect and store metrics received from the adapter.
`Go` `Siddhi` `Java` `MySQL` `Istio` `Kubernetes` `gRPC`
- Agent to receive, persist and publish tracing data from Istio to a Stream processor
Implemented an agent to receive zipkin spans from Istio in any format(thrift, json, proto) and any version (v1, v2), with the support of Jeager.
`Go` `Siddhi` `Java` `MySQL` `Istio` `Kubernetes` `gRPC`
- Persistence layer to store and share data within pods (distributed computing)
An interface to store and share data between multiple replicas of a pod in a Kubernetes cluster. A persistent volume and a MySQL database were given as the options of storing.
`Go` `Kubernetes`
- Custom extension for Siddhi Stream processor
Implemented a custom stream processor to eliminate the duplications in telemetry data received from Istio
`Java` `Siddhi`

Skills

Docker Kubernetes Istio
MySQL Firebase MQTT gRPC
Blockchain Laravel Laradock
Vuforia Flutter MongoDB
Wikitude Vuforia Ethereum
EOS Solidity Infura

Extra-curricular

Vice president (2018 - 2019) - Old Anandian Engineers' Guild (student chapter)

Treasurer (2019 - 2020) - Old Anandian Engineers' Guild (student chapter)

Team leader - Project "Aqua" organized by AIESEC CS (University of Moratuwa)

Chairperson - Project "IQ-Master" organized by Rotaract Club of University of Moratuwa

Chairperson - Project "Ganitha Saviya" organized by Rotaract Club of University of Moratuwa in collaboration with Sasnaka Sansanda Foundation

Hackothons

IESL(Institute of Engineers Sri Lanka) Ideathon Challenge 2018 - Winner

IESL YMS Hackathon 2018 - 1st Runners-up

Virtusa-Slasscom 4IR hackathon 2017 - Finalists

IESL SL-IoT challenge hackathon 2018 - Finalists

Referees

Isuru Haththotuwa
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Buddhishan Manamperi
Managing Director, FcodeLabs
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Fcode Labs PVT LTD | Part-time | 2018 - 2021

- Fit app for MAS Holdings PVT LTD
MAS Holdings holds some sessions to evaluate the quality of the wears they made. Automated the entire process of scheduling, taking measurements, adding comments, recording, uploading photos and etc.
Flutter Firebase Dart
- iStay app
A mobile app to ease the tasks of the guests in a hotel. Included guest registration, making orders, billing and etc.
Android Firebase Java
- Maia, Patient management system for psychiatrists, New Zealand
A comprehensive system that helps psychiatrists to get closer and help patients, keep track of the prescriptions and gather and use medical data complying to the regulations.
Flutter Firebase Dart
- iLogCancer, Patient management system for oncologists in Norway
Comprehensive system that helps oncologists to get closer and help patients, keep track of the prescriptions and gather and use medical data
Flutter Dart
- Sayhello backend
Back-end of a English learning app
PHP Laravel Laradock Docker

Freelancer (5+ years) | 2015 - 2021

- Worked with a Malaysian company (T2Web) for 3 months worked as a freelancer for a business chat application called XUN Messenger
Java Android
- Complete e-commerce mobile application with web admin panel
Admin can manage all the contents of the app through the web admin panel. Add/remove products, promotions, categories, etc
PHP JS Java Android MySQL
- Mobile application for a goods delivery system
Complete system for sellers who deliver goods, Seller can manage everything through a web admin panel
Java Android MySQL PHP JS
- Stock management system
mobile application for sales representatives to keep records of the stocks with a QR scanning system
MySQL Java Android JS PHP
- NB-IoT (Narrow Band) platform
Narrow Band IoT platform where any IoT device or sensor can be plugged in, can be controlled through a mobile application
MQTT Java Android
- Electricity-bill automation system (IoT)
Automate the Sri Lankan electricity billing system, Capture readings and store through a mqtt server
Android MQTT Java
- Social media platform for story writers
A platform where everyone can post, like, comment stories and maintain a profile
Android Java