



Hasitha Athukorala

BSc Eng Hons

23 May 1996

+94 77 384 2106

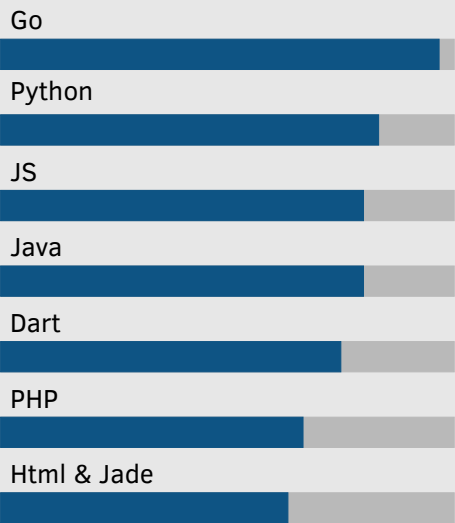
hasithaisuru@gmail.com

athukorala.me

HasithaAthukorala

athukoralahi

Languages



Tech Stack

Docker

Kubernetes

Istio/Linkerd

MySQL

Terraform

Argo

Kafka

Firebase

MQTT

gRPC

Blockchain

Laravel

Laradock

Vuforia

Flutter

MongoDb

Wikitude

Vuforia

Ethereum

EOS

Solidity

Infura

Experience

Backend Engineer

H2O.ai

April 2023 – Ongoing

- Transitioned to H2O.ai with a focus on expanding expertise in AI-related technologies while contributing as a Backend Engineer.
- Eliminated a critical backend bottleneck by introducing a Kafka broker into the architecture. Significantly improving document processing time by 100% (when processing 1000 documents parallelly)
- Enhanced the AI library within Document AI by implementing new features, resolving some major issues of one of our main customers of the product.
- Worked closely with customers to gather their requirements, conducted in-depth analysis, and presented comprehensive proposals to the team for addressing their needs effectively.

Go

Docker

Kubernetes

Linkerd

Kafka

gRPC

Postgress

Python

React

AWS

Data Science

Terraform

Software Engineer

WSO2 LLC

April 2021 – April 2023

- Recognized as a top-tier employee, ranking in the top 5% of the organization, for outstanding contributions to projects and team leadership.
- Played a pivotal role in the development and maintenance of Choreo Console and DevOps Portal, a suite of microservices deployed in Kubernetes, owning 2-3 main critical services including the IDP and some major services in the backend.
- Designed and implemented a self-recovering system to facilitate the migration of live, deployed applications (approximately 10,000 applications), conducting in-depth failure analysis to ensure seamless transition and minimal disruption.
- Led a team of 3-4 developers in the design and implementation of core microservices for the Choreo backend, from architectural planning to deployment, ensuring adherence to best practices and scalability.
- Developed an Istio mixer adapter to enhance the mesh observability features in Cellery, a cutting-edge product. This involved developing an adapter alongside an agent to seamlessly receive, persist, and feed data into Siddhi, a powerful stream processor by improving the Cellery mesh observability features by 50%
- Contributed to feature development related to Spring Boot, enhancing the platforms capabilities by integrating Spring Boot components into the existing microservices architecture, improving modularity and ease of maintenance.
- Introduced a framework for contract testing and a Docker image for running tests against live endpoints, preventing about 10% of bugs going to production.
- Delivered a feature to convert AsyncAPI specifications to syntax trees and subsequently to Ballerina code segments. Nearly 30% of Ballerina users at that time were urged to test this new feature.

Go

Java

Spring Boot

Docker

Kubernetes

graphQL

Linkerd

Kafka

gRPC

Postgress

Ballerina

React

Azure

AsyncAPI

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" hosted 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

Hackathons

IESL(Institute of Engineers Sri Lanka) Ideathon Challenge 2018 - Winner
A collaborative flood detection system to avoid hassles

IESL YMS Hackathon 2018 - 1st Runners-up
Application for volunteers to organize events

Virtusa-Slasscom 4IR hackathon 2017 - Finalists
A platform for NbIoT devices

IESL SL-IoT challenge hackathon 2018 - Finalists
Solution to automate the Sri Lankan electricity billing system

Software Engineer

[Fcode Labs](#)

📅 April 2019 - April 2021

- Joined as one of the initial team members (4th member, including the 3 founders) in a startup environment, witnessing and contributing to its growth from a team of four to thirty employees.
- Mentored and guided junior team members during their internships, fostering a collaborative and supportive learning culture.
- Spearheaded the development and delivery of "Fit App," a comprehensive solution automating scheduling, measurements, comments, photo uploads, and other functionalities within a three-month timeframe.
- Successfully deployed Proof of Concepts (PoCs) in three major hotels, including the award-winning "iStay" mobile application and web interface, streamlining internal workflows such as guest registration, restaurant orders, and billing.

Flutter React PHP MongoDB Firebase Dart MySQL Android

Freelancer

[Freelancing platforms](#)

📅 January 2016 - April 2019

- Leveraged freelance platforms to secure and manage projects, specializing in the development of mobile applications and web interfaces for diverse clients.
- Successfully delivered customized solutions tailored to the specific needs and requirements of each client.
- Gained invaluable insights into the software industry, honing technical skills and cultivating a strong motivation to pursue a career in software engineering.
- This experience laid the foundation for my subsequent roles and provided a solid understanding of industry dynamics and best practices.

Flutter React PHP MongoDB Firebase Dart Postgress

Education

Bsc Eng Hons in Computer Science and Engineering

[University of Moratuwa](#)

📅 November 2016 - March 2021

- Achieved outstanding results in A/L examinations in Mathematics stream, ranking 187th out of approximately 50,000 candidates nationwide.
- Attended the University of Moratuwa, recognized as the premier institution for Engineering education in Sri Lanka, based on academic merit.
- Graduated with a GPA of 3.68 out of 4.2, while actively engaging in freelancing projects and participating in numerous extracurricular activities.