



# Isuru Nuwanthilaka

## Software Engineer

- February 19, 1995
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- Sri Lankan

## About Me

I am a passionate engineer looking for a challenging and interesting opportunity to apply both theoretical and practical knowledge to build successful software products.

## Profiles

- Linkedin
- Github
- Stackoverflow
- Youtube
- Resume

## Languages

English	● ● ● ● ●
Sinhalese	● ● ● ● ●
Tamil	● ● ● ● ●

## Education

2021 – 2023	<b>MSc in CS</b> Software Architecture Specialization	CSE,University of Moratuwa
2015 – 2019	<b>BSc(Hons) in Engineering</b> Second Class Upper Division, Specialized in Electronic and Telecommunication Engineering	ENTC,University of Moratuwa
2014	<b>GCE Advanced Level</b> Placed 36th in the island and 11th in the Colombo District, 4 A passes Combined Mathematics, Physics, Chemistry, General English	Ananda College,Colombo 10
2011	<b>GCE Ordinary Level</b> 8 A passes and 1 B for English Literature	Ananda College,Colombo 10

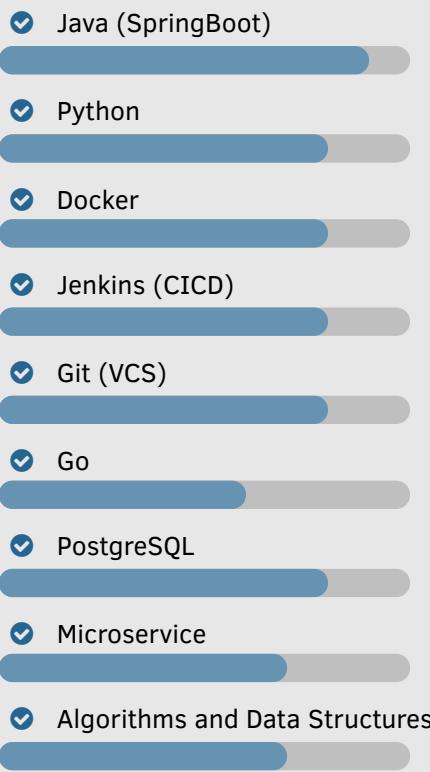
## Experience

2020 Mar - Present	<b>Software Engineer</b> I am responsible for developing microservices for enterprise applications, design and implement, maintain source code clean and handy, and also continuous deployments. Mainly I work with Java 11 - SpringBoot, Postgres, Docker, Python, Go , SOA and Jenkins.	MillenniumIT ESP(Sri Lanka)
2018 Jun - 2018 Dec	<b>Intern - Software Engineering</b> I was responsible for implemeting and integrating MiWiFi Quota Management System. Also I worked on Java 8, Docker, Postgres,Scala,AAA server - Radiator, Python, Go	MillenniumIT ESP(Sri Lanka)

## Projects

2020-2021	<b>Active contributor of PeoTVGo OTT Solution</b> <i>Project work at MillenniumIT ESP</i> PeoTVGo OTT Solution is developed for SLTMobitel which is a leading telecommunication service provider in Sri Lanka. Tech stack : Java11 (SpringBoot), Python, Postgres, Linux, Jenkins, Ansible, Docker, Git, POSTman Participated in designing and implementation.
2020	<b>Ballerina Medium Connector (Open Source)</b> <i>Ballerina,WSO2</i> As a contribution to Open Source , developed Medium connector for Ballerina. V1.0.0 is Live!. Ballerina is developed by WSO2. Code Base: <a href="https://github.com/isurunuwanthilaka/ballerina-medium-connector">https://github.com/isurunuwanthilaka/ballerina-medium-connector</a> Package: <a href="https://central.ballerina.io/isurun/medium">https://central.ballerina.io/isurun/medium</a>
2019	<b>CRAN based D2D Communication</b> <i>Final Year Project</i> Development for wifi direct D2D communication link over smart devices with the support of cloud assisted controller. Technology stack used : SDR USRP N210, Android, Firebase - auth,realtime db, cloud functions, Wifi/Wifi Direct.
2018	<b>Water Level Indicator and Water Pump Controller</b> <i>Atmega 328P Microcontroller Programming</i> Programming Atmega328P microcontroller in C programming language to controlling the household water pump. Tech stach : C/C++,Arduino, Micro processor
2018	<b>IsumaSchool</b> <i>Android App</i> This project is to enable all Sri Lanakans to learn freely online in sinhala on their smartphones. This is carried out as a non-profit project. Tech stack : Android, Firebase, Room Database, Deploy on Playstore, Integration with Youtube. Live at <a href="https://play.google.com/store/apps/details?id=com.isumalab.learn">https://play.google.com/store/apps/details?id=com.isumalab.learn</a>

# Skills



# Projects(Data Science)

2019	<b>Dialog Datathon</b> <i>Smart City Planning based on CDR</i> Developed machine learning models for smart city planning tasks, Skills: python, pandas, scikit-learn, seaborn, Azure DSVM
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# Awards

2018	<b>IEEEExtreme 11.0 - World Rank: 324</b> 24 Hour International Programming Competition organized by IEEE Member of 3-member team CLIC	University of Moratuwa
2016-2017	<b>MoraExtreme Programming Competition</b> member of Team CLIC ,6th place – 2016,2nd place – 2017	University of Moratuwa
2015	<b>Dean's list-Semester 1</b> Dean's list - Semester 1 with SGPA 3.89 and placed 58th	University of Moratuwa
2012	<b>Dialog Merit scholarship 2012</b> Dialog Merit scholarship 2012 for Colombo district based on special achievements at G.C.E. Ordinary Level 2011	Ananda College,Colombo 10
2007-2014	<b>Class First</b> General Proficiency Prize – for 6 years at Ananda College, Sri Lanka.	Ananda College,Colombo 10
2007-2014	<b>Subject Prizes</b> Subject Prizes at Ananda College, Sri Lanka including Chemistry (2013), Health and Physical Education(2011), Buddhism(2010),Science (2010,2008),Tamil(2009,2008)	Ananda College,Colombo 10
2007	<b>3rd SAARC-Bronze Medal</b> 3rd SAARC open karate-do championship 2007, Allahabad, India	Ananda College,Colombo 10
2007	<b>TIGSKC - Silver Medal</b> Triangular and International Goodwill School karate championship, Sri Lanka 2007 - Silver Medal	Ananda College, Colombo 10

# Certifications

2020	<b>Deep Learning Nanodegree</b> <i>Udacity</i> This nanodegree includes NN,CNN,RNN,GAN and hands-on AWS Sage-Maker deployment.Completion ID : 434M3LSP
2019	<b>Convolutional Neural Networks</b> <i>Coursera</i> Offered by DeepLearning.ai ID : CK6PDQEX3S2M
2019	<b>AI For Everyone</b> <i>Coursera</i> Offered by DeepLearning.ai Completion ID : YETW7WJZ7SKG
2019	<b>Core Database Concepts</b> <i>Coursera</i> Offered by Arizona State University Completion ID : CUGAGTPYMYCC
2019	<b>Structuring Machine Learning Projects</b> <i>Coursera</i> Offered by DeepLearning.ai Completion ID : K74VMVUSRQP7
2018	<b>Machine Learning</b> <i>Coursera</i> Offered by Stanford,Andrew Ng Completion ID : LYJZCS8BPSLD

# Interests

Hobbies	I read books, meditate or do blogging
Interests	Software Development, Software Architecture and Patterns, Algorithms and Data Structures
Research	Software Architecture