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 ——————

- **in** Linkedin
- Github
- Stackoverflow
- Youtube
- Resume

Languages ——————

- English   ● ● ● ● ●
- Sinhalese   ● ● ● ● ●
- Tamil   ● ● ● ○ ○

Education

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

Experience

2020 Mar - Present	**Software Engineer**	MillenniumIT ESP(Sri Lanka)
	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.	
2018 Jun - 2018 Dec	**Intern - Software Engineering**	MillenniumIT ESP(Sri Lanka)
	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	

Projects

2020-2021 **Active contributor of PeoTVGo OTT Solution**
Project work at MillenniumIT ESP
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 **Ballerina Medium Connector (Open Source)**
Ballerina,WSO2
As a contribution to Open Source , developed Medium connector for Ballerina. V1.0.0 is Live!. Ballerina is developed by WSO2. Code Base: https://github.com/isurunuwanthilaka/ballerina-medium-connector Package: https://central.ballerina.io/isurun/medium

2019 **CRAN based D2D Communication**
Final Year Project
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 **Water Level Indicator and Water Pump Controller**
Atmega 328P Microcontroller Programming
Programming Atmega328P microcontroller in C programming language to controlling the household water pump. Tech stach : C/C++,Arduino, Micro processor

2018 **IsumaSchool**
Android App
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 https://play.google.com/store/apps/details?id=com.isumalab.learn

Skills ——————

- ✓ Java (SpringBoot)
- ✓ Python
- ✓ Docker
- ✓ Jenkins (CICD)
- ✓ Git (VCS)
- ✓ Go
- ✓ PostgreSQL
- ✓ Microservice
- ✓ Algorithms and Data Structures

Projects(Data Science)

2019	**Dialog Datathon**
	Smart City Planning based on CDR
	Developed machine learning models for smart city planning tasks, Skills: python, pandas, scikit-learn, seaborn, Azure DSVM

Awards

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

Certifications

2020	**Deep Learning Nanodegree**
	Udacity
	This nanodegree incudes NN,CNN,RNN,GAN and hands-on AWS SageMaker deployment.Completion ID : 434M3LSP
2018	**Machine Learning**
	Coursera
	Offered by Stanford,Andrew Ng Completion ID : LYJZCS8BPSLD

Interests

Relaxing	When I am not stick to a screen I read books, meditate or blogging