Isuru Nuwanthilaka

Senior 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	**MSc in CS** Software Architecture Specialization	University of Moratuwa
2015 – 2019	**BSc(Hons) in Engineering** Second Class Upper Division, Specialized in Electronic and Telecommunication Engineering	University of Moratuwa
2014	**GCE Advanced Level** 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	**GCE Ordinary Level** 8 A passes and 1 B for English Literature	Ananda College,Colombo 10

Experience

2020 Mar - Present	**Software Engineer** 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	**Intern - Software Engineering** 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 — 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 Sage-Maker 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