



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

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|-----------|-----------|
| English | ● ● ● ● ● |
| Sinhalese | ● ● ● ● ● |
| Tamil | ● ● ● ● ● |

Education

2021 – 2022	MSc in CS Software Architecture Specialization	CSE,University of Moratuwa
2015 – 2019	BSc(Hons) in Engineering Second Class Upper Division, Specialized in Electronic and Telecommunication Engineering	ENTC,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

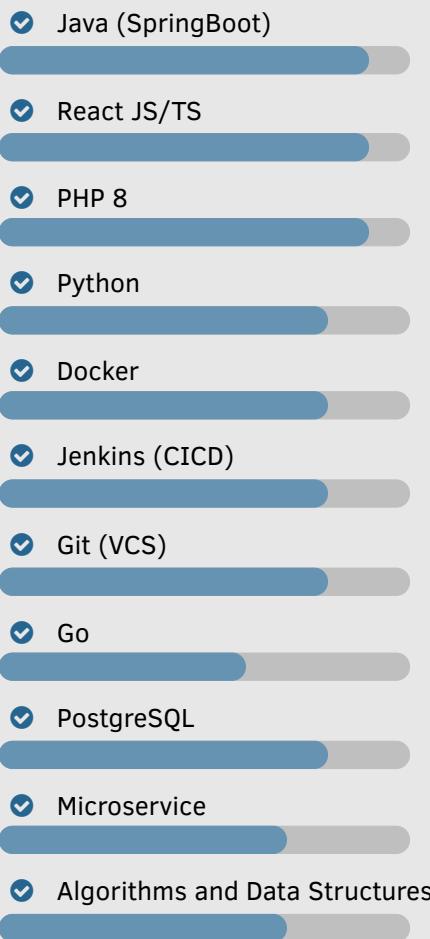
Experience

2021 Oct - Present	Software Engineer II Codify Inc based in San Francisco ,US. Here we are trying to improve the efficiency of restuarant food supply chain. I had opportunity to work in React JS/TS, PHP, GraphQL and AWS.	Codify Inc - cutanddry.com(Sri Lanka)
2021 Aug - 2021 Sep	Consultant - Software Engineering Codify Inc based in San Francisco ,US. I was a Consultant to the Software Engineering team.	Codify Inc - cutanddry.com(Sri Lanka)
2020 Mar - 2021 Sep	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 <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	Ballerina Medium Connector (Open Source) <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: https://github.com/isurunuwanthilaka/ballerina-medium-connector Package: https://central.ballerina.io/isurun/medium
2019	CRAN based D2D Communication <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	Water Level Indicator and Water Pump Controller <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	IsumaSchool <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 https://play.google.com/store/apps/details?id=com.isumalab.learn

Skills



Projects(Data Science)

2019	Dialog Datathon <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	IEEEExtreme 11.0 - World Rank: 324 24 Hour International Programming Competition organized by IEEE Member of 3-member team CLIC	University of Moratuwa
2016-2017	MoraExtreme Programming Competition member of Team CLIC ,6th place – 2016,2nd place – 2017	University of Moratuwa
2015	Dean's list-Semester 1 Dean's list - Semester 1 with SGPA 3.89 and placed 58th	University of Moratuwa
2012	Dialog Merit scholarship 2012 Dialog Merit scholarship 2012 for Colombo district based on special achievements at G.C.E. Ordinary Level 2011	Ananda College,Colombo 10
2007-2014	Class First General Proficiency Prize – for 6 years at Ananda College, Sri Lanka.	Ananda College,Colombo 10
2007-2014	Subject Prizes 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	3rd SAARC-Bronze Medal 3rd SAARC open karate-do championship 2007, Allahabad, India	Ananda College,Colombo 10
2007	TIGSKC - Silver Medal Triangular and International Goodwill School karate championship, Sri Lanka 2007 - Silver Medal	Ananda College, Colombo 10

Certifications

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