



# Thiranjaya Munasinghe

Software Engineer

## REACH ME AT

### Address:

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South, Matara

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### GitHub:

@thiranjayamunasinghe

### StackOverflow:

@thiranjayamunasinghe

### Portfolio:

thiranjayamunasinghe.github.io

## PROFESSIONAL SKILLS

### Programming Languages:

Java, Python

### Web Development:

JavaScript, TypeScript, Node.js,  
GraphQL, React.js, Vue.js, Electron,  
Tailwind CSS

### Mobile Development:

Flutter

### Databases:

MySQL, MongoDB, Firebase

### Tools:

Git, AWS(Lambda, SNS), Datadog,  
Jenkins, RabbitMQ

## LANGUAGES

**English:** Working Proficiency

**Sinhala:** Native Proficiency

## ABOUT ME

A passionate tech enthusiast and an adaptable team player. With a constant thirst for knowledge and a drive to push boundaries, eager to learn and apply emerging technologies to develop practical and innovative solutions. Seeking a software engineering opportunity to embark on a fulfilling and successful professional journey.

## EDUCATION

### University of Moratuwa – Faculty of Information Technology

(Sep 2017 to May 2022)

B.Sc. (Hons.) in Information Technology: GPA - 3.25

### St. Thomas' College - Matara

(Jun 2007 to Aug 2016)

G.C.E. Advanced Level: Combined Mathematics - A, Physics - A, Chemistry - C

## WORK EXPERIENCES

### :Different Technologies (Pvt) Ltd - Software Engineer

(Jan 2022 to Present)

- Worked with the LGF team to automate the finance processes of the business.
- Implemented new features according to the product outline and requirements provided by the product owner.
- Wrote unit tests and API tests to ensure the reliability and stability of the automated finance system.
- Served as an on-call engineer for the LGF team, participating in rotational on-call duties to promptly address any system issues or emergencies.
- Conducted weekly demonstrations to showcase features implemented by me.
- Technologies & tools - TypeScript, Node.js, GraphQL, React.js

### Arimac Lanka (Pvt) Ltd - Trainee Software Engineer

(May 2020 to December 2020)

- Worked as a member of IMI team, with IMI mobile application and the IMI website.
- Contributed to the development of the Hiru TV election result broadcast system.

## PROJECTS

### Panthi - Tuition Classes in Sri Lanka

(Jan 2021 to Present)

'Panthi' is an easy-to-use mobile app which is developed to provide a way for students and parents to find tuition classes in Sri Lanka. Also, it provides an opportunity for teachers to post ads about classes they are conducting physically or virtually for free of charge. Students can select classes under different subjects, and different locations.

Technologies & tools: Flutter, Firebase

### First aid bot to help in Domestic Accidents - 4th Year Research Project

(Feb 2021 to Feb 2022)

A first-aid chatbot to assist people in domestic accidents by analyzing their situation through user-driven questions. For further analysis Image processing is used, providing necessary instructions and AR support to enhance the clarity of first-aid procedures.

Personally responsible for the implementation of the augmented reality module and training a custom TensorFlow model to accurately identify human body points in real-time.

Technologies & tools: TensorFlow lite, Flutter

### IMI Games Website - Intern Project

(July 2020 to Dec 2020)

IMI Games website was developed to play IMI portal games using desktop browsers. Contributed to the development of the website during my internship.

Technologies & tools: Nuxt.js, Tailwind CSS

## OTHER EXPERIENCES

### HelpX | Founding Member

(Mar 2020 - Present)

Charity Organization

### INTECS | Coordinator

(May 2021 - May 2022)

- INTECS-Forum

### IEEE Student Branch, UoM

(Dec 2018 - Dec 2021)

- Chair | AGM 2019
- OC member | MERCon 2019
- Volunteer | IEEEExtreme 12.0, HackDown competition

### HomeAlone 2020 | OC Member

(Mar 2020)

### OpenTechSummit`20 | OC Member

(Jan 2020)

### IEEE Young Professionals SL

(Sep 2018)

Company Coordinator | StudPro 2.0

### Rotaract Club, UoM

(Mar 2017)

Volunteer | Trash Hunt, Healing Hands 2018, Athwela 19.1

## SOFT SKILLS

- Fast Learner
- Team Player
- Adaptability
- Self Learner
- Time Management

## HOBBIES AND INTEREST

- Volunteering
- Swimming
- Listening to Music

## REFEREES

### Mr. Haritha Wickremasinghe

(Engineering Manager)

:Different Technologies (Pvt) Ltd

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### Mr. Kasib Kismath

(Technical Lead)

:Different Technologies (Pvt) Ltd

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## PROJECTS

### IMI Games Mobile App - Intern Project

(July 2020 to Dec 2020)

IMI Games is a Sri Lankan gaming portal for locally created mini-games. A mobile application was developed for Android to play IMI games using the phone. I got a chance to contribute to this project during my internship at Arimac.

**Technologies & tools:** Flutter, Facebook Analytics

### Ask Me - RealHack 2.0 Hackathon

(Nov 2019)

A Q&A website was developed within 24 hours where students can post questions, receive community answers, and vote on questions to rank them. Contents of the website update in real-time using Pusher.

**Technologies & tools:** Vue.js, Laravel, MySQL, Pusher

### E-commerce website for Jewel Pack - 2nd Year Software Project

(Nov 2018 to Oct 2019)

A platform was developed for the Jewel Pack company to grow its brand and reach more customers online. Moreover, I have got experience hosting this website on Peek Hosting.

**Technologies & tools:** Vue.js, Laravel, MySQL, Peek Hosting(Shared Hosting)

### Fingerprint Based Key Handling System - 1st Year Hardware Project

(Oct 2017 to Sep 2018)

An automated system was made for issuing and returning keys for small to medium-scale workspaces. This is ideal for places like laboratories as this enhances key security.

**Technologies & tools:** AVR ATmega32, R305 fingerprint, MFRC522 RFID, Atmel Studio

## AWARDS AND ACHIEVEMENTS

### FIT CodeRush (Jun 2020) - 6th place - Merit Award

Intra-faculty coding competition of Faculty of IT, UoM based on HackerRank platform.

### RealHack 2.0 (Nov 2019) - Selected for final 15

24-hour hackathon organized by the Software Engineering Students' Association, University of Kelaniya in collaboration with the IEEE Student Branch.

### MoraXtreme 4.0 (Oct 2019) - 53rd place among 300 teams

12 hrs inter-university coding competition organized by the IEEE SB of UoM.

### Japura Execute Week of Code (2019)

Japura Execute Week Of Code 3.0 - 2nd place

Japura Execute Week Of Code 2.0 - 4th place

Japura Execute Week Of Code 4.0 - 4th place

### FIT CodeRush (Dec 2018) - 15th place

Intra-faculty coding competition of Faculty of IT, UoM based on the HackerRank platform.

### Build a Robot (Aug 2018) - 5th Place

Inter-university robotics competition | By IEEE student branch of University of Moratuwa.

## CERTIFICATIONS

### The Complete ReactJs Course - Basics to Advanced (2021)

Offered by Udemy

### Learn Object-Oriented Programming in Java

Offered by educative.io

### Completed Java, PHP, HTML and JavaScript courses

Offered by Sololearn