



## Software Engineering Intern

- Kurunegala, Sri Lanka.
- [linkedin.com/in/rukshanjs/](https://www.linkedin.com/in/rukshanjs/)
- [stackoverflow.com/users/8995555/rukshanjs](https://stackoverflow.com/users/8995555/rukshanjs)
- [github.com/RukshanJS](https://github.com/RukshanJS)
- [rukshanjs.com](mailto:rukshanjs.com)
- [rukshanjs.me](https://rukshanjs.me)
- [sololearn.com/profile/17941282](https://sololearn.com/profile/17941282)

## Education

- University of Moratuwa, SL.**
  - B.Sc. (Hons.) in Information Technology (UG)
    - Current GPA - 4.06** (Upto L2S1)
- St. Anne's College, Kurunegala, SL.**
  - ABB (Biological Science) at G.C.E. A/L, 2018
  - 9As at G.C.E. O/L, 2014
- ESOFT Metrocampus, Kurunegala, SL.**
  - Diploma in Software Engineering, 2015

## Experience

- Junior Software Engineer - Syeta Labs**
  - 2021 March - Present (1+ years)
- Trainee Explorer (Intern) - Gavesha Labs**
  - 2021 September - 2022 March (6 months)
- Open Source Contributor**
  - [Custom Toggle Buttons Package](#)
  - HacktoberFest 2020

## Skills

### Programming Languages

- TypeScript, JavaScript, Dart, Java, C, Python

### Mobile Development

- Flutter

### Web Development

- HTML, CSS, antd, bootstrap, React.js, Next.js, Angular

### Backend & APIs

- NestJS, Node.js, REST API, GraphQL

### Cloud

- GCP, AWS, Azure

### Databases

- MongoDB, PostgreSQL, Firebase, MySQL

### Other skills & Tools

- Git, Jira, ClickUp, Trello, Googling

# RUKSHAN J. SENANAYAKA

I'm an IT Undergraduate at Faculty of Information Technology, University of Moratuwa, Sri Lanka, and a Goal-Driven Individual, with a desire to apply technology for the betterment of living beings.

## Projects

### 2022 - Educational App for A/L Students in Sri Lanka (Ongoing)

I wrote the backend and hosted it and implemented authentication and authorization for the API. I contributed to a major portion of the mobile client app as well. I also helped by developing the admin dashboard. I also contribute as the team leader. The app is due for launch soon.

- NestJS, CASL, Firebase, Azure, MongoDB, Flutter, Next.js, Jira.

### 2022 - 'Leadsnow' - Lead Generation App (for a Client)

This is a B2B MVP for a Finnish company. I did the full front-end development and API integration. I could also use some new technologies during this project and was able to help them get their MVP launched on-time.

- Next.js, antd, Netlify, Strapi, Stripe.
- Link - [Leadsnow App](#)

### 2021 - 'Immersion' - Meditation App (for a Client)

This app is in same category as 'Calm' app. I developed the frontend. It has a music streaming feature. I implemented subscription service for premium users. I also contributed in publishing the app to 'Google Play Store' and 'Apple App Store'.

- Flutter, Firebase, Amazon S3, Amazon CloudFront, RevenueCat.

### 2021 - 'SpaceVillagers' - Space Shooting + Racing Mobile Game

This game was developed for 'Hacktron V1.0 Game Development Hackathon'. I developed the game logic with another team member. I fixed some issues with the network engine integration. I carried my responsibilities as the team leader.

- Unity, C#, Photon Engine.

### 2020 - Automated Tea Making Machine - Level 1 Hardware Project

I carried my responsibilities as the group leader. I integrated the LCD display, relay switch and integrated main logic with contributions from other members. I developed the mobile app for our machine. I also created the particle simulations of our machine function.

- PIC16F877A, C, Arduino, Flutter, Firebase, NodeMCU, 3Ds Max.

### 2022 - 'QuizUp' - Kids Learning App - Level 2 Software Project (Ongoing)

I'm carrying my responsibilities as the group leader. In addition to the basic project setup and code integration, my responsibilities are the 'Quiz', 'Courses' and 'Leaderboard' features.

- NestJS, Flutter, PostgreSQL, Next.js.

### 2021 - Projects-Sharing Web Platform - Level 1 Software Project

This is similar to 'Instructables'. I carried my responsibilities as the group leader. I also implemented the 'Posts' and 'Comments' features.

- MongoDB, Express, Angular, Node.js, Azure, Pusher.
- Link - [ProjectArena](#)

Details of other projects are available on [my portfolio site](#).

# Non-Technical Skills

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## Personal Pursues

- **Leadership**
  - I have led several teams for various projects and have good feedback and constructive criticism from my members.
- **"Deep" Learning**
  - I like to learn something deeply by reading documentations and make connections with what I already know.
- **Goal-orientation**
  - If I have some goal that I really like or need to achieve, I try hard to achieve that.

## Languages

- **Sinhala**
  - Native
- **Tamil**
  - Working proficiency
- **English**
  - Fluent

# Interests

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## Hobbies

- **Chess**
  - I play Chess from grade 1 (2004) and have won several awards which are mentioned in my portfolio site.
- **Online Gaming**
  - I like to play online games like 'War Thunder', 'PUBG', 'Crossout', and 'Call of Duty'.
- **Announcing**
  - I like to do announcing, commentating and public speaking.

## Sports

- **Football**
  - I play football from grade 7 for fun, with intermittent breaks.
- **Swimming**
  - I like swimming and am interested to gain more skills in it.

## Future Technologies

- I like to learn more about Blockchain, AI and ML and also VR and AR.

# Non-related Referees

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## Dr. Thilina Thanthriwatta

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## Eng. Kasun Vithanage

Chief Technology Officer,  
Syeta Labs. |  
alankasun@gmail.com

# Achievements

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## Academic

- Dean's List - Level 1 Semester 1 (4.06 SGPA)
- Dean's List - Level 1 Semester 2 (4.04 SGPA)
- Dean's List - Level 2 Semester 1 (4.06 SGPA)
- ScholarX Graduate - Class of 2021
- Best Project of DiTEC at ESOF Kurunegala - 2015

## Competitions/ Hackathons

- **Winner - CodeFest 2021 - Tertiary Category - Hackathon**
  - Contribution - Team Leader
- **Winner - CodeFest 2015 - School Category - Coding Contest**
  - Individual Project - 'Cellularity'
- **Winner - Young Computer Scientist 2014 - Junior Category**
  - Individual Project - 'TheTeacher'
- **Winner - National Level English Language Competitions - 2016**
  - Individual - Oratory Impromptu Speech
- **Winner - National Inter School Chess Championship 2011 - B Div.**
  - Contribution - Team Captain
- **1st Runner Up - National Level English Language Competitions - 2017**
  - Individual - Oratory Impromptu Speech
- **1st Runner Up - Sahasak Nimevum 2015 - School Learning Aids Category**
  - Individual Project - 'Veel (Virtual environment for e-learning)'
- **2nd Runner Up - CodeFest 2013 - School Category - Coding Contest**
  - Individual Project - 'LearnChemicalReactions'
- **2nd Runner Up - Young Computer Scientist 2015 - Senior Category**
  - Individual Project - 'SI3D (See it in 3D)'

## Miscellaneous

- 35k+ points on sololearn.com (Top 15 of Sri Lanka)
- 500+ Reputation on stackoverflow.com
- Personal blog with 20K+ views at rukbook.com
- Other achievements are detailed on [my portfolio site](#)

## Certifications

Certifications are available on my [LinkedIn](#) page.

# Roles and Responsibilities

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- IEEE Student Branch, University of Moratuwa
  - Moderator of 'Rise Up Mora 2021', 'ISC 2021 Moratuwa', 'IEEE NPSS Virtual AGM 2021'.
  - Live commentator of 'NFB 2021 PUBG Game Tournament 2022'.
- Rotaract Mora
  - Co-chairperson of 'Indiretto Virtual Treasure Hunt 2021', 'DataStorm 2.0 Data Analytics Competition 2021'.
  - Moderator of 'Rota Spark 2021 Closing Ceremony'.
  - Tutor of 'Edify'.
  - Developer of 'Manusath Handa Website'.
  - Member of IT Team - 2020.
- MoraSpirit
  - Sports commentator of 'EWar 2021 E-Sports Championship'
- Media Team, University of Moratuwa
  - Member - 2022
- ACM Student Chapter, University of Moratuwa
  - Web Pillar Head - 2021
- St. Anne's College, Kurunegala
  - Senior Prefect - 2017
  - English Media Unit President - 2017
  - English Debating Team Leader - 2017