



# SASANKA WITHANAGE

Undergraduate Software Engineer

## About Me

A passionate and dedicated software engineering undergraduate who is willing to be a team player in any working environment. I love to learn & try out new things to become a skilled software engineer. Enthusiastic about solving problems and facing challenges. Focus on building a successful career.

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## Education

- 2018 - 2022  
**BEng Software Engineering**  
(Elegible for first class)
- 2015 - 2018  
**G.C.E Advance Level Examination**  
(1A & 2C - Biology Stream)
- 2013 - 2015  
**G.C.E Ordinary Level Examination**  
(8A & 1B)

## Interests

- Web Development
- Machine Learning
- Snowflake
- Low Code No Code
- Deep Learning
- Internet of Things (IoT)
- Cyber Security
- BlockChain
- Full Stack Development
- Virtual Reality (VR)
- Testing Automation

## Work Experience

**Intern Software Engineer**  
2020 - 2021

### 1 Billion Tech (Pvt) Ltd

One year of working experience as an intern with a splendid development & management team. I worked as a frontend developer in React JS & automated frontend testing with StoryBook. I've contributed to the multiple flows in the whole application (www.millionspaces.com).

Contact: Amila Perera (Supervisor) - +94 76 6 597 878

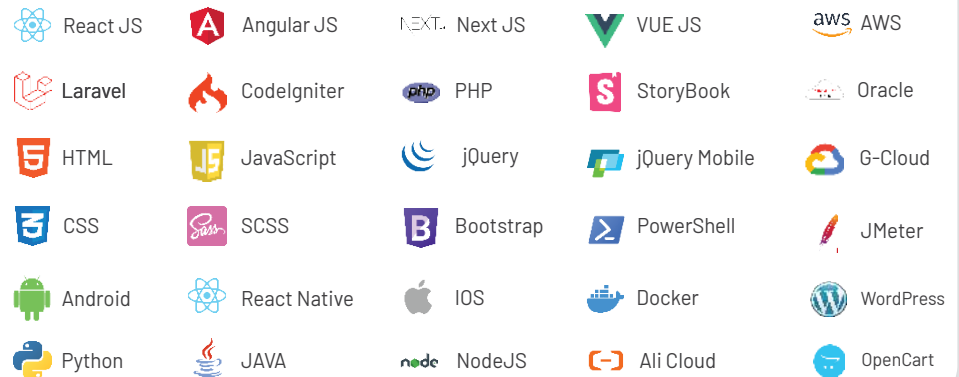
**PartTime Software Engineer**  
2020 - 2022

### Colombo Business Cabin (Pvt) Ltd

I worked as a full-stack developer in direct client projects with a helpful and courteous team. I worked in React JS, Angular JS, Node JS, Python, Java, MYSQL, MongoDB, etc. The client handling part is treasured.

Contact: Kaushalya S. - +94 77 1204 087

## Technologies & Frameworks



## Technical & Non-Technical Skills

### Technical

- GitHub / GitLab / Bitbucket
- Jira / Trello
- Linux (Kali, Ubuntu, Centos)
- Adobe Collection
- Figma / Adobe XD
- Product Enhancements

### Non - Technical

- Quick Learner
- Smart Team Play
- Working Adaptability
- Effective Communication Skills
- Work Under Pressure
- Better Prioritization & Organization



## Work Experience

### MillionSpaces Project (1BillionTech 2020 - 2021)

I was a Software Engineering Intern on the MillionSpaces project for a year. I worked as a front-end web developer. Worked with React JS, Testing automation, Facebook integrations and many more.

Contact: Amila Perera (Supervisor) - +94 76 6 597 878

### Marketing & Management Application (CBC 2020 - 2022)

Fully customized project and marketing management application using ReactJS, Node JS, Python And MongoDB. Marketing cost and result prediction models and suggesting modules also integrated. We mainly focus on efficiency and the application's user experience to improve the employee's efficiency.

Contact: Kaushalya Sumithraarachchi - +94 77 120 4087

### Harvest & Crop Prediction System (AgroBuddy 2019 - 2020)

Machine learning project with 7 types of models & relevant reporting in frontend with configurable access. This project is a group project and this whole project based on Angular, MySQL, Python and NodeJS. My Contribution to this project is Machine learning part with 7 different models.

Second Year Software Development Group Project

### Academy Management System (AAA 2020- 2021)

Angular, Node JS and MYSQL based student attendance and payment management application with multiple authorization types. Primarily this will allow parents to monitor and get details about their children seamlessly. Application deployed in firebase.

Contact: Amara Karunadewa

### Chassis Code Generator (Leading Garment in Sri Lanka 2021)

A unique case studies. Their main requirement is to reduce the complication between their complex process, and I've implemented a unique solution to fix this. Clients were very happy with the Vue JS application with Python and Mongo DB.

Contact: Cannot provide due to the disclosure agreement

### Sri Lankan Educational News Platform (SLWebCast.com 2021)

Sri Lanka's most youth visited educational news website in 2021 & it was nominated by Asia awards for best user interface. In here we were mainly focussed on SEO and marketing with smooth performing application with 3 different languages. Aim of this project is to create opportunities and providing facilities to the society.

Contact: Abdul Thawwab - +923 104 859 999

### Online Quiz Application (E-Study.lk 2018 - 2022)

Online platform for students to practice G.C.E A/L Physics. All the quizzes have been managed, and we have more than 10,000 questions in our database. We focused on the efficiency & the user experience of the application. The project is deployed in a dedicated server with multiple load balancers to manage the considerably higher number of student logins.

Contact: Pium Perera - +94 71 440 4885

### Facebook Chatbot Application (ExperBot 2020 - 2022)

ExperBot is an application that provides a unique chatbot service for e-commerce industry users. After researching their use cases and problems, I've implemented this application to improve their clients' quality of service. This application is based on Nodejs, Angular and MySQL.

Personal application with 35+ paid users

### HappyKiddo (Surveillance Monitoring & Alerting App 2021 - 2022)

HappyKiddo Is an application that provides a deep learning-based solution to monitor children, analyse the sentiment status throughout the day, and generate a report for each student based on collected data. Also, this application will detect and alert any abusive action or intruders.

Final Year Research & Development Project

### OMS & Facebook Chat Tracking (ExperAcc 2021- 2022)

All the applications have started based on PHP, JS & MySQL. But now all applications have been upgraded to appropriate frameworks & CMSs. OMS and Chat tracking application based on Angular, React JS, Node JS, Python, MySQL, and MongoDB. All the applications are deployed in google cloud, AWS & Dedicated Server.

Contact: UnikWear.lk (2021-2022) (Asela M.: 0717998899 - Owner) / Speaker.lk (2018 - 2022) (Ranil Indika: 077427303 - Owner) / BuyZone.lk (2018 - 2022) (Ranil Indika: 077427303 - Owner) / Shefflera.com (2021-2022) (Kaushalya S.: 0771204087 - Owner) / EcityLanka.com (2018 - 2021) (S. Marasinghe: 0777174402 - Owner) / SunShineVegeMart.com (2021) (Kaushalya S.: 0771204087 - Coordinator) etc



## Academic Performance

University Level 6 (Final)	Security & Forensics	Pending
	Reasoning About Programs	Pending
	Mobile User Experience	Pending
	Advance Client Server	Pending
	Final Project	Pending

### Industrial Placement Year (Year 3)

Software Engineering Internship

### University Level 5 (Year 2)

Algorithms: Theory Design and Implementations	82
Client Server Architecture	84
Database Systems	83
Server-Side Web Development	73
Object Oriented Programming	71
Software Development Group Project	67

### University Level 4 (Year 1)

Programming Principles 01	83
Programming Principles 02	75
Mathematics for Computing	85
Computer Systems Fundamentals	80
Computer Science Practice	75
Web Design and Development	89

### G.C.E Advance Level (2018)

Physics	A
Chemistry	C
Biology	C

### G.C.E Ordinary Level (2015)

Science, Mathamatics, History, Sinhala, English, Buddhist, Commerce, Art, Health Science	A
History	B



## COMPETITIONS

- ACES CODERS V8.0
- IEEE EXTREME V13.0
- Google Hash Code 2019
- Code Sprint
- Hack19



## REFEREES

**Mr. Guhanathan Poravi**  
Senior Lecturer Grade 1

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**Mr. Thushera Kawdawatta**  
CEO Axiata Digital Labs

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