



# Sankha Rathnayake

Full Stack Developer

Full stack developer with hands-on experience in designing, developing applications and solutions using a range of technologies and programming languages. Seeking to leverage broad development experience and hands-on technical expertise in a challenging role as a Full-Stack Engineer

## CONTACT



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Sri Lanka

## PROFESSIONAL LINKS



[linkedin.com/in/sankha-rathnayake/](https://www.linkedin.com/in/sankha-rathnayake/)



<https://github.com/sankharr>



[stackoverflow.com/users/7911731/sankha-rathnayake](https://stackoverflow.com/users/7911731/sankha-rathnayake)



[hackerrank.com/sankharr](https://hackerrank.com/sankharr)

## TECHNICAL EXPOSURE

- React
- Node.js
- Java
- Firebase
- MongoDB
- SQL Server
- Git
- Jira
- Arduino
- HTML
- CSS
- Javascript
- Typescript
- Python
- AWS
- Serverless
- Selenium

## Work Experience

### Full Stack Developer (2021 – Present)

#### Freelance

- Developed and modified frontends with React
- Developed and modified backends with Node.js, ExpressJS, MongoDB, Firebase
- Developed a small angular package (srr-elapsedtimer) and published to NPM

### Associate Engineer (2021/05 – 2022/05)

#### London Stock Exchange Group

- Proposed, Planned and Developed 15+ python scripts to automate some time-consuming manual tasks.
- Improved experience in developing processes and portlets with Gel
- Improved experience in querying with Microsoft SQL Server

### Software Engineer Intern (2020/10 – 2021-04)

#### London Stock Exchange Group

- Learned to develop processes and portlets with Gel
- Learned to work with Microsoft SQL Server
- Got practical experience in working with agile methodology with Jira

## Educational Qualifications

### B.Sc. in Computer Science (2018 – 2021)

University of Colombo School of Computing

### Advanced Level Examination in 2016

Mathematics – A | Physics – B | IT - B

District Rank – 07 | Country Rank – 18 | Z-Score – 2.055

St. Joseph's College, Colombo 10

- Aruna Wickramasinghe

Manager,  
Application Development and Support,  
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- Chathuranga Pathirana

Senior Manager,  
Software Development,  
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Colombo 09  
Phone - +94769329903

## Projects

### MediSearch (Web – React, NodeJS, ExpressJS, MongoDB)

Currently in Sri Lanka we have an issue of finding medicines as most of the medicines are running out of stock from the hospitals and nearby pharmacies. So, this solution is being built to mitigate that issue up to some extent.

### CameraRentClub (Web – React, NodeJS, ExpressJS, MongoDB)

This project is developed for a client who is doing business related to camera rental. This project allows him to manage his inventory, manage the reservations etc.

### Brighterbee (Web – React, NodeJS, ExpressJS, MongoDB)

A school management system which helps the students and teachers to work collaboratively in pandemic situation like Covid. It allows teachers to upload lessons

### Srr-elapsedtimer (An Angular package)

This is an opensource contribution for Angular Framework, which can be obtained via NPM. This package lets the user to create a customizable elapsed timer which can be used in their Angular projects.

### HospitalCore (Web – Angular, Firebase | IoT Device - Arduino)

A website which is built for the doctors to do live consultations with the patients. the system also allows patients to manage their health data on this system. IoT device has the capability to upload the current temperature and the heart beat rate of the patient during the consultation

### Crossing Assistant (Android – Java | Windows Phone – C++)

An app which helps the pedestrians to cross the road more safely at night. It was released to general public with the help of Sri Lanka Police in 2017

News paper articles - [https://www.linkedin.com/posts/sankha-rathnayake\\_some-articles-about-my-first-mobile-app-activity-6691745556349407232-XJyE](https://www.linkedin.com/posts/sankha-rathnayake_some-articles-about-my-first-mobile-app-activity-6691745556349407232-XJyE)

Released on Rupavahini - [https://www.linkedin.com/posts/sankha-rathnayake\\_released-short-trailer-of-crossing-assistant-activity-6691749704797106176-Uf4J](https://www.linkedin.com/posts/sankha-rathnayake_released-short-trailer-of-crossing-assistant-activity-6691749704797106176-Uf4J)

Informative app trailer - <https://youtu.be/vFQ3hKDM-gY>

### EventCorp (Web – Angular, Firebase)

A website which is built for event organizers to organize events with just few clicks. It would also be helpful for Artists, Venue Owners, Suppliers to manage their event related tasks