








# DASITH RATHNASINGHE

SOFTWARE ENGINEER

## CONTACT

-  +94 71 336 2925
-  dasith.netlify.app
-  dasithrathnasinghe@gmail.com
-  github.com/MasterD98
-  dasithrathnasinghe
-  dasith-rathnasinghe

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

- Java
- JavaScript
- Python
- C / C# / C++

### BACKEND FRAMEWORKS

- SpringBoot
- Node / Express.js
- Flask

### FRONTEND FRAMEWORKS

- React
- Angular
- React Native
- Bootstrap/ Bulma

### DATABASE TECHNOLOGIES

- MySQL
- MSSQL
- PostgreSQL

### CLOUD TECHNOLOGIES

- AWS Services
- Netlify
- Choreo
- Asgardeo

## ABOUT ME

Passionate software engineer with a strong foundation in coding, problem-solving, and teamwork. Experienced in developing efficient and scalable solutions. Dedicated to continuous learning and staying current with industry trends. Excited to contribute my skills to innovative projects and deliver high-quality software.

## WORK EXPERIENCE



### London Stock Exchange Group (LSEG)

Engineering, Intern (Market Services - MIT)  
Contributed to software development and dev testing in an Agile environment for the Index Platform team. Utilized Spring Boot, Python, Angular, AWS services, Control-M, Bitbucket, GitLab, and Jira to deliver high quality solutions.  
2024 Jan - Present

## EDUCATION



### University of Moratuwa

B.Sc.(Hons) in Information Technology  
**Current GPA: 3.67** (up to Level 04)  
Level 01: Semester 01 - 3.89 (Dean's List)  
Level 02: Semester 02 - 3.82 (Dean's List)  
2021-Present



### Richmond College - Galle

**G.C.E Advanced Level Examination - 2019**  
Physical Science Stream (3rd Shy)  
A A B | Z-score: 1.7002  
2015-2018

**G.C.E Ordinary Level Examination - 2014**  
6As 2Bs 1C  
2004-2014

## GAME DEV TECHNOLOGIES

- Unity Engine
- Unreal Engine

## TESTING TECHNOLOGIES

- JUnit
- Serenity-BDD
- Cucumber
- Selenium
- RestAssured

## OTHER

- GitHub
- Bitbucket
- Control-M
- Jira
- Confluence
- Docker
- Linux

## PERSONAL SKILLS

- Problem Solving
- Fast Learner
- Teamwork
- Critical Thinking
- Leadership
- Creativity

## HOBBIES & INTERESTS

- Video Games
- Tv Shows
- Movies
- Music

## ACHIEVEMENTS AND PARTICIPATIONS

- Tech-Triathlon - Hackathon organized by the RootCode in 2023
- MoraXtreme 7.0 - Hackathon organized by the IEEE computer society University of Moratuwa in 2022
- Hacktitude - An inter-university virtual hackathon organized by 99x in 2022

## REFEREES

Mr. Sumal Sugathadasa  
Senior Software Architect  
Market Services - MIT  
London Stock Exchange Group  
Email : [sumal.sugathadasa@lseg.com](mailto:sumal.sugathadasa@lseg.com)  
Telephone No. : +94 77 744 8917

Mr. Ishan Kaluarachchi  
Associate Architect  
Market Services - MIT  
London Stock Exchange Group  
Email : [ishan.kaluarachchi@lseg.com](mailto:ishan.kaluarachchi@lseg.com)  
Telephone No. : +94 76 592 1069

## PROJECTS

### E2METRICS (GROUP) | LEVEL 2 SOFTWARE PROJECT

Designed a web application to analyze the performance of GitHub Repositories. Analyzed Git repositories to track progress, calculate key metrics and visualize data using a dynamic dashboard in an agile software development environment.

Role: Team Leader, Full Stack Developer

Source Code : <https://github.com/orgs/TeknoUOM/repositories>

Technologies : React, Bulma, SASS, Mui, Ballerina, MySQL, AWS, Asgardeo, Choreo, Github API

### MULTIMODAL DATA INTEGRATION FOR STOCK INVESTMENT DECISION MAKING (FYP | ONGOING)

Research to develop a recommendation system that integrates historical stock price, news, social media sentiment, financial indicators and financial statements of companies to guide investors in making informed investments on S&P 500 stocks in the Colombo Stock Exchange (CSE).

Role: Researcher, Developer

Technologies: Data Mining, Machine Learning

### EMPLOYEE ATTENDANCE COLLECTING SYSTEM (GROUP)

A web application built using React.js, Express.js to collect and manage Employee attendance details

Role: Full Stack Developer

Technologies : React, Bulma, Express.js, MSSQL

### SuperMarket (GROUP)

An REST API Service built using SpringBoot with micro services architecture.

Role: Backend Developer

Source Code : <https://github.com/MasterD98/supermarket>

Technologies : SpringBoot, MySQL, JWT

### SMART BRAIN (INDIVIDUAL)

Smart Brain is a React base Web App that uses the Clarifai API to detect and highlights faces in web images that user upload

Role: Full Stack Developer

Source Code : <https://github.com/MasterD98/SmartBrain>

Technologies: React, Tachyons, Express.js, PostgreSQL, Clarifai

### BOOST (INDIVIDUAL)

Boost is Unity Engine base game on space environment with different levels. The player must land the rocket from point A to B by avoiding barriers to win.

Role: Game Developer

Source Code : <https://github.com/MasterD98/Boost>

Technologies : C#, Unity Engine

### FOCUS TIME (INDIVIDUAL)

Expo React Native Mobile App that could use to add and track activities and useful to focus on activities.

Role: Mobile App Developer

Source Code : <https://github.com/MasterD98/FocusTime>

Technologies : React Native, Expo

## EXTRA CURRICULAR

- Member of Science Society | Richmond College - Galle
- 2nd Year Batch Representative Faculty of IT, University of Moratuwa