



# DASITH SACKBO RATHNASINGHE

SOFTWARE ENGINEER INTERN

## CONTACT



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dasith-rathnasinghe



7B/10, Karapitiya, Galle.

## SKILLS

### TECHNICAL SKILLS

#### PROGRAMMING LANGUAGES

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

#### BACKEND FRAMEWORKS

- Node / Express.js
- Flask
- Ballerina
- .NET

#### DATABASE

- MySQL
- MSSQL
- PostgreSQL

#### FRONTEND FRAMEWORK

- React js
- React Native
- Sass / Bulma / Bootstrap / Mui

## ABOUT ME

I am an undergraduate from the IT Faculty of the University of Moratuwa, seeking opportunities gain practical experience in the software development world. I am passionate about Web Development, Mobile App Development, Game Development, Machine Learning and Artificial Intelligence.



## EDUCATION



2021-Present

University of Moratuwa

B.Sc.(Hons) in Information Technology | Expected 2025

**Current GPA: 3.67 (up to Level 02 Semester 01)**

Level 01: Semester 01 - 3.89 (Dean's List)

Level 01: Semester 02 - 3.61

Level 02: Semester 01 - 3.56



2020-2021

Institute of Software Engineering

CMJD | Comprehensive Master Java Developer



2015-2018

Richmond College - Galle

G.C.E Advanced Level Examination - 2019

Physical Science Stream (3rd Shy)

A A B | Z-score: 1.7002



2015 Jan - 2015 May

British Council Sri Lanka

English Language Course (Level Intermediate 2)



2004-2014

Richmond College - Galle

G.C.E Ordinary Level Examination - 2014

6As 2Bs 1C

## CLOUD

- AWS
- Choreo
- Heroku
- Vercel
- Netlify

## SOFT SKILLS

- Communication
- Leadership
- Presentation Skills
- Critical Thinking

## LANGUAGE

- Sinhala - Native
- English

## HOBBIES & INTERESTS

- Movies, TV Series
- Video Games
- Formula 1, Cricket

## ACHIEVEMENTS & PARTICIPATIONS

- MoraXtreme 7.0 (2022)
- Realhack 4.0 (2023)
- Hacktitude (2022)

## WORK & OTHER EXPERIENCES

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

## REFERENCES

Dr. (Ms.) Upeksha Ganegoda  
Senior Lecturer  
Dept. of Interdisciplinary Studies  
Faculty of Information Technology  
University of Moratuwa  
Sri Lanka  
upekshag@uom.lk  
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Vice President of Research and AI  
WSO2  
malithj@wso2.com  
Telephone No. : 077 070 4040

# PROJECTS

## E2Metrics (GROUP)

Role: Team Leader, Full Stack Developer  
<https://github.com/orgs/TeknoUOM/repositories>

Mentored by WSO2 Lanka Pvt Ltd

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.

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

## CADD WORLDWIDE PORTFOLIO (GROUP)

[www.caddworldwide.com](http://www.caddworldwide.com)

Role: Team Leader, Frontend Developer

A web application built using React.js. Hosted on a VPS

Technologies : React, Bulma, Emailjs, cPanel, Spreadsheets, Blender, Medium API

## EMPLOYEE ATTENDANCE COLLECTING SYSTEM (GROUP)

Role: Full Stack Developer

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

Technologies : React, Bulma, Express.js, MSSQL

## SMART BRAIN (INDIVIDUAL)

Role: Full Stack Developer

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

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

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

## BOOST (INDIVIDUAL)

Role: Game Developer

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

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

Technologies : C#, Unity Engine

## FOCUS TIME (INDIVIDUAL)

Role: Mobile App Developer

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

Expo React Native Mobile App that could use to add and track activities and use full to focus activities

Technologies : React Native, Expo

## AUTOMATIC PIPE CUTTING MACHINE (GROUP)

Role: Team Leader, Developer

<https://github.com/MasterD98/ICT-Project>

Developed a cutting-edge device for automating the pipe cutting process, suitable for use with various pipe materials. Atmega32 microcontroller, stepper motors, ultrasonic sensors, and IR sensors were utilized in the device's construction.

Technologies: C language, Atmel Studio, Proteus Simulation