



# Samadhi Gamaarachchi

Software Engineering Intern

## Contact

- 📞 +94 71 240 8811
- ✉️ [samadhigamaarachchi07@gmail.com](mailto:samadhigamaarachchi07@gmail.com)
- 📍 Anuradhapura Road, Moragoda, Talawa
- 🐙 [github.com/samadhi-gamaarachchi](https://github.com/samadhi-gamaarachchi)
- 🌐 [linkedin.com/samadhi-gamaarachchi](https://www.linkedin.com/samadhi-gamaarachchi)
- 🌐 [behance.net/samadhi-gamaarachchi](https://www.behance.net/samadhi-gamaarachchi)

## About Me

Motivated and detail-oriented undergraduate pursuing a BSc (Hons) in Information Technology at the University of Moratuwa. Passionate about creating user-friendly and impactful digital solutions through software development and UI/UX design. Known for being a fast learner, a collaborative team player, and someone who thrives in dynamic environments. Eager to contribute to meaningful projects and continuously grow both personally and professionally.

## Skills

### Programming

- C
- Java
- TypeScript
- JavaScript

## Education

- B.Sc. (Hons) Degree in Information Technology** Expected in 2027  
Faculty of Information Technology, University of Moratuwa  
CGPA-3.28 (upto semester 3)
- A/Swarnapali Balika Maha Vidyalaya** 2020 - 2023  
GCE Advanced Level  
Z-Score:1.3879 (Physical Science)
- Google UX Design** Reading

## Projects

- Spend Smart Personal Finance Management System** 2024-2025  
2<sup>nd</sup> year software project (Group project)  
Full Stack Developer  
Built secure user authentication with role-based authorization and developed a report generation module featuring interactive charts, transaction summaries, and seamless frontend-backend integration  
React, Material UI, ASP.NET Core Web API, MSSQL  
[Frontend GitHub Link](#)  
[Backend GitHub Link](#)
- Personal Portfolio Project** 2025  
Full Stack Developer (Individual Project)  
Designed and developed a responsive personal portfolio website using React, TypeScript, and Tailwind CSS, showcasing projects, skills, and achievements with a clean UI and interactive components.  
React, TypeScript, Tailwind CSS,  
[Frontend GitHub Link](#)
- Studix student task tracker** ongoing  
Full Stack Developer (Individual Project)

Developed Studix, a student task management web app with personalized task lists, reminders, and a user-friendly interface to enhance productivity and time management.

React, Material UI, ASP.NET Core Web API, MSSQL

- [Frontend GitHub Link](#)
- [Backend GitHub Link](#)

- Potato Sorting Machine (IOT base project)** 2023-2024  
1<sup>st</sup> year hardware project (Group Project)

Built a potato sorting machine with Arduino Mega, ultrasonic sensors, wiper motor for the conveyor, load cell for weight, and stepper motor with TB6600 driver. Added a 4x4 keypad and 16x2 display for control.

## UI/UX projects

- Lassana Lanka** 2024

Designed the UI/UX for a mobile app that supports smart waste management with features like real-time bin tracking, collection alerts, and user reporting. Focused on intuitive interfaces to engage citizens and support eco-friendly behavior.

<https://www.behance.net/gallery/231517079/Lassana-Lanka>

Frontend Development

- HTML
- CSS
- React
- Material UI
- UI Design(Figma)

Backend Development

- Asp.net core
- Node js

Database

- MSSQL
- MySQL
- mongoDB

Other Skills

- 3D Modelling (Blender)

Soft Skills

- Problem Solving
- Team Work
- Time Management
- Communication

Language

- English
- Sinhala

Entremate Lanka 2024

EntreMate Lanka is a web platform designed to support social entrepreneurs through user profiles, fundraising tools, and promotional campaign features. My contributions included UX/UI design and feature development.

<https://drive.google.com/file/d/1QYQ3DGvy4bWlBgwYaGnf4iRXbUcrJLtq/view?usp=sharing>

Achievements

Finalist–HackElite 1.0 2024

Ideathon organized by WIE in University Of Moratuwa

Finalist–AlgoXplore 1.0 2024

Organized by NSBM University

Merit Awards(7<sup>th</sup> place)–Code Rush 2024 2024

Hackathon organized by INTECS, Faculty of Information Technology , University Of Moratuwa

Volunteering

Volunteer Management Committee member 2024–2025 term

IEEE Student Branch University Of Moratuwa

Serving as the HR role of the IEEE Student Branch, managing member engagement, communication.

Design Committee member 2025

Futuro 3.0 Organized by WIE affinity group in University Of Moratuwa

Program lead 2025

NurtureNook 2.0 Organized by WIE affinity group in University Of Moratuwa

Design Committee member 2025

Empowering yourself as a woman in Engineering, the WIE affinity group collaborates with the PES chapter at the University of Moratuwa

Company Coordinator 2024

Fit Sixes 2024 Organized by the Faculty of Information Technology , University Of Moratuwa

referees

M.D.N.D Chandrasiri

Lecturer

Department of Information Technology  
Faculty of Information Technology

Phone: +94 77 584 1591

Email: [dilumikan@uom.lk](mailto:dilumikan@uom.lk)