



## CONTACT

- +94 71 550 5206
- sarangaranasinghe.official@gmail.com
- Matale, Sri Lanka
- linkedin.com/sarangaranasinghe
- github.com/sarangaranasinghe
- dribbble.com/sarangaranasinghe

## EDUCATION

### • 2022 - Present

#### University of Moratuwa

Faculty of Information Technology  
BSc(Hons).in Information Technology & Management

### • 2012 - 2020

#### Sri Sangamitta Girls' National School Matale

- GCE Advanced Level Examination  
Physical Science Stream (2021(2022))  
(Z-Score - 1.2622)  
Combined Maths (C) , Physics (C), Chemistry (B)
- GCE Ordinary Level Examination (2017)  
9 A's

# SARANGA RANASINGHE

## IT&M UNDERGRADUATE

## PROFILE

I am an IT & Management undergraduate at the Faculty of Information Technology, University of Moratuwa, passionate about Full-Stack Development and creating innovative tech solutions. With strengths in software development, UI/UX design, and a blend of technical and managerial skills, I am seeking an **internship as a Software Engineer** to contribute to impactful projects while learning from dynamic teams.

## PROJECTS

### PLAYFIT - SPORT MANAGEMENT SYSTEM (TEAM)

2024 SEP - 2025 JUL

#### LEVEL 02 SOFTWARE PROJECT

- PlayFit is a centralized, web-based sports management system developed to streamline the coordination between players, coaches, stadium owners, health officers, and administrators. The platform allows real-time stadium and coach bookings, player health monitoring, and efficient scheduling while promoting player well-being and operational efficiency.
- I contributed as a **full-stack developer** and **UI/UX designer**, leading the development of the **Health Officer module**. This module supports respond player's appointment requests , record injuries of the players and publish safety advices .
- Through this project, I gained hands-on experience in **UI/UX design**, **full-stack development**, and **collaborative software engineering**, working closely with teammates and communicating effectively to manage deliverables. The project was mentored by 99x.

**Technologies** : Angular , Bootstrap , Node.js , MySQL

**Project URL** : [github.com/TheCodeExplorers-PlayFit](https://github.com/TheCodeExplorers-PlayFit)

### AUTO VAULT - FREE VEHICLE REGISTRATION SYSTEM (INDIVIDUAL)

2024 OCT - 2025 DEC

#### LARAVEL-BASED FULL-STACK DEVELOPMENT (INDIVIDUAL PROJECT)

- AutoVault is a web-based vehicle registration system that allows users to register, add, update, and remove vehicle information with ease. The system is designed to simplify vehicle data management and provide an accessible platform for users to maintain accurate and up-to-date records.
- I contributed as a **full-stack developer**, handling both the front-end and back-end development. I implemented user authentication, CRUD functionalities for vehicle records, and a clean user interface to ensure smooth user interactions and data handling.

**Technologies** : Laravel , HTML ,CSS, TAILWIND CSS

**Project URL** : [github.com/laravelproject](https://github.com/laravelproject)

### MARQUER - LINE DRAWING ROBOT (TEAM)

2023 MAY - 2024 JUL

#### LEVEL 01 HARDWARE PROJECT

- Marquer is a cutting-edge device designed to conveniently and precisely mark grounds with the ability to draw lines in any direction, save and reuse designs as presets, and control the device remotely via a user-friendly web app.
- Collaborated as a team member on a line-drawing robotic project, gaining hands-on experience with microcontrollers, sensors, and motors. Contributed to the system's precision and responsiveness, developing strong skills in collaborative problem-solving and technical implementation within a multidisciplinary team setting.

**Technologies** : Arduino , C, EasyEDA

**Project URL** : [linkedin.com/hardwareproject](https://linkedin.com/hardwareproject)

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

- TypeScript
- JavaScript
- C
- Java
- PHP

### FRONT-END DEVELOPMENT

- HTML
- CSS,
- Angular
- Bootstrap,
- NextJS
- TailwindCSS

### BACK-END DEVELOPMENT

- Node.js

### DATABASES

- MySQL
- MS SQL

### VERSION CONTROL

- GitHub

### OTHER TOOLS

- Figma

## NON-TECHNICAL SKILLS

- Problem solving
- Team work
- Effective communication
- Time management
- Hard working
- Patience

## LANGUAGES

- Sinhala ( Native)
- English (Proficient)
- Tamil (Intermediate)

### KIDNEY TRACK - MOBILE APP FOR CKD PATIENT ACTIVITY MONITORING (INDIVIDUAL) (UI/UX DESIGN CONTRIBUTION)

2025 JUL

- Contributed as a **UI/UX Designer** for a medical research project under the Medical Technology Stream, Faculty of Medicine, University of Moratuwa.
- Designed user-friendly, accessible mobile app interfaces to support Chronic Kidney Disease (CKD) patients in tracking physical activity and improving quality of life.

**Technology :** Figma

**Link :** [dribbble.com/ckduidesign](https://dribbble.com/ckduidesign)

### LASSANA LANKA - SMART WASTE MANAGEMENT SYSTEM (TEAM) (UI/UX DESIGN CONTRIBUTION)

2024 OCT

- Contributed as a **UI/UX Designer** for Lassana Lanka, a proposed solution presented at the HackElite 1.0 Ideathon.
- Designed a mobile app concept to address waste overflow and irregular garbage collection using IoT-enabled technology and citizen engagement strategies.

**Technology :** Figma

**Link :** [dribbble.com/lassnalankauidesign](https://dribbble.com/lassnalankauidesign)

### ENTREIMATE LANKA - ONLINE FUNDRAISING PLATFORM (TEAM) (UI/UX DESIGN CONTRIBUTION)

2024 AUG - 2024 SEP

- Contributed as a **UI/UX Designer** in the Hack Like a Girl 2.0 competition.
- Designed a web-based platform to connect social entrepreneurs in Sri Lanka with investors and financial institutions, supporting entrepreneur-investor matching, promotion tools, and fundraising support.

**Technology :** Figma

**Link :** [dribbble.com/entrimatelankauidesign](https://dribbble.com/entrimatelankauidesign)

## ACHIEVEMENTS

- **HackElite 1.0 Ideathon Finalist - 2024 :** University of Moratuwa WIE IEEE Student Branch, 2024 .Selected as one of top 7 finalist teams from the second round in HackElite 1.0 Ideathon.
- **Merit Award - CodeRush 2024 (7th Place)** - INTECS Hackathon, Faculty of Information Technology, University of Moratuwa Awarded for outstanding performance as Team CelestialHeroines among numerous competing teams in this prestigious university hackathon.

## EXTRA CURRICULAR ACTIVITIES

- Contributed as the company coordinator of FIT FUTURE CAREER FAIR 2025.
- Contributed as the floor coordinator of FIT FUTURE CAREER FAIR 2024.

## REFERENCE

**Mr. Lahiru Gayantha**  
Senior Software Engineer,  
99x,  
65 Walukarama Rd,  
Colombo 00300  
**Email :** [LahiruS@99x.io](mailto:LahiruS@99x.io)  
**Phone:** +94712277158