



Kulana Thathsara

Intern Software Engineer

Profile

Aspiring software engineering undergraduate eager to secure an internship position within a dynamic software engineering company. With a strong foundation in programming and a passion for innovation, I am excited to contribute my leadership, teamwork, and problem-solving skills to a collaborative environment. My adaptability, attention to detail, and unwavering eagerness to learn make me a valuable asset to any project, while my commitment to excellence ensures I can effectively address challenges and drive successful outcomes.

Projects

ML-Based Fashion Web Site

This is an ML based web site developed as a part of our 3rd year research project **Reinventing Fashion Retail with Data-Driven Solutions**. The web site uses a ML model to take user preferences and make suggestions according to a given criteria.

- **Git Repo** - <https://github.com/IT21333620/ML-based-fashion-web-site.git>
- **Technologies used** - Python, Steamlit, SQLite

Care-24

Care-24 is a newly built real-time E-channelling and laboratory management system developed for a private medical center in 'Dambulla' area. The system contains functionalities for user management, inventory management, billing and invoice management.

- My contributions to the project includes basic CRUD operations for billing, invoice and monthly sales report generation.
- **Git Repo** - [care24.git](https://github.com/care24.git)
- **Technologies used** - MERN Stack

Job Quest

JobQuest is an android application that provides a marketplace for job seekers and employers.

- I contributed to this project with CRUD operations for sending messages between employers and job seekers from a chat UI.
- **Git Repo** - <https://github.com/it21219566/MAD-Assignment-JobQuest.git>
- **Technologies** - Kotlin, Android Studio, Firebase

Event Management System

This e-commerce web application is for an online event management system developed using MVC architecture as part of our 2nd year OOP project.

- My contributions for this project includes basic CRUD operations for user management.
- **Technologies** - JAVA, MVC architecture

Contact

- it21219566@my.sliit.lk
- 0776548285
- [Github](#)
- [Linkedin](#)

Education

- **SLIIT**
*BSc (Hons) in Information Technology
Specialising in Software Engineering*
Undergraduate
- **Dharmasoka College Ambalangoda**
GCE Advanced Levels
2019
- **Dharmasoka College Ambalangoda**
GCE Ordinary Levels
2016

Awards

2014 | All Island School Games Chess
2nd Runner-up

2014 | All Island Doubles Badminton
A Division Runner-up

Programming Skills

- HTML
- CSS
- Java Script
- PHP
- JAVA
- Python
- Kotlin
- C
- C++
- MySQL
- SQLite
- Firebase

Technologies

- MERN Stack
- Git
- GitHub
- Critical Thinking
- DevOps
- Android Studio
- Oracle

Soft Skills

- Team work
- Problem Solving Skills
- Adaptability
- Time Management
- Communication Skills
- Creativity

○ Book Shop Service

This is an academic project for 3rd year SE module at SLIIT Software Architecture. The product is developed to help manage inventory and sellings of a small book store.

- In this project I have developed a book store service and 2 service subscribers, a store manager and a cashier. The store manager can add books to the book list, update and delete books from the list while the cashier can sell and generate bills. Also there is a search function to search and view the book list.
- **Git Repo** - https://github.com/it21219566/osgi_BookShop.git
- **Technologies** - JAVA/OSGI framework

○ Construction Management Web Application

This is an e-commerce web application created for a construction company as part of the 1st year IWT project at SLIIT.

- My contributions for this project includes basic CRUD operations for user management.
- **Git Repo** - <https://github.com/it21219566/ConstructionManagementSystem.git>
- **Technologies** - html, css, JavaScript, PHP, MySQL

Achievements

○ Dec 2023

Research Publication

Reinventing Fashion Retail with Data-Driven Solutions

This research discusses how to use AI and Machine Learning to evaluate sales through personalized fashion recommendations and inventory management. It was published on **Tuijin Jishu/Journal of Propulsion Technology vol. 44 No. 4 (2023)**.

- ISSN: 1001-4055
- **Link-**

<https://www.propulsiontechjournal.com/index.php/journal/article/view/2623>

Reference

K.P.Kasun Tharanga

Bsc(Hons) MIS UCD Dublin

Instructor ICT Vocational Training Authority

Phone: 0713225799

Email : kasun.ict@vtasl.gov.lk