



# AMASHA MADUWANTHI

**Intern Software Engineer**

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## SUMMARY

Passionate and detail-oriented Software Developer with expertise in full-stack web development using Spring Boot, React, and modern frameworks. Experienced in designing and implementing scalable applications, integrating RESTful APIs, and managing MySQL databases. Adept at problem solving and optimizing system performance to deliver user friendly and efficient solutions. Enthusiastic about leveraging technology to build impactful software for industries like agriculture and disaster management

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## WORK EXPERIENCE

### **Thigma SmartLearn System-** stand Alone application

- System use to manage the students , teachers ,Examinations ,payments, class Schedules, Halls and their daily report and efficiency their registration process. Using Java , MySQL and Java Fx for the development.
- Tech Stack : Java , MySQL , Java Fx

### **Supermarket system** - pos system

- This system is a simple web-based application developed using HTML, CSS, and JavaScript to manage customers, items, and orders efficiently. It allows businesses to keep track of their inventory, register customers, and process orders seamlessly.
- Tech Stack : HTML , CSS , JavaScript

### **Green Shadow system** - Web application

- This system is a full-stack application built with frontend and backend to store the data. It provides a smooth user experience with efficient backend processing and data management for their staff, crop, equipment, field, monitoring logs and users. this system use JWT authentication .
- Tech Stack : Spring Boot , Fetch , MySQL , JWT ,JavaScript

### **Health Care Center system** - Web application

- This system use to mange their doctors , patients ,appointments and payments . React with TypeScript, Tailwind CSS , Express.js, MongoDB use to implement this system . specially authentication use to improve the safety of this system .
- Tech Stack : React with TypeScript, Tailwind CSS , Express.js, MongoDB , JW

### **Cake Store Mobile application** - Mobile application

- This is the mobile application use to sell their cake items. Cake Store app develop by using React Native, Tailwind CSS ,TypeScript , Node with Express and MongoDB.
- Tech Stack : React Native, Tailwind ,TypeScript , Node.js , Express.js , MongoDB

## The Dressing Room -Web application

- Dressing Room is a stylish and modern web application designed for selling fashionable clothing items online. The platform offers a seamless shopping experience for users while empowering admins with full control over inventory management.
- Tech Stack : React , CSS ,JavaScript , Node.js , Express.js , MongoDB

## Book App Store -Web application

- This system is a modern web-based platform designed to manage and showcase books with a focus on trending titles.
- Tech Stack : React , Tailwind

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## EDUCATION

### Graduate diploma in software engineering

IJSE - Institute of software engineering

Mar 2023 - Present

### G . C . E . Advanced level examination

G . P . DE . S . Kularathne College , Ambalangoda.

Aug 2020

### G . C . E . Ordinary level examination

G . P . DE . S . Kularathne College , Ambalangoda.

Dec 2016

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## EXTRA CURRICULER ACTIVITIES

### Diploma In English

ICBT Campus Galle

Sep 2021 - Mar 2022

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## TECH STACK

- **Frontend** : React , Bootstrap , Tailwind , CSS
- **Backend** : Node.js , Spring Boot , Java EE , Express.js
- **Database** : MySQL , MongoDB
- **Programing Languages** : Java , Python , JavaScript
- **Version Control** : GitHub
- **Tools** : IntelliJ IDEA , WebStorm , VS Code ,Postman , Maven
- **Operating System** : Linux , Windows

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## SOFTWARE ARCHITECTURES

- **MVC**
- **Layered**
- **Microservice**

## TESTING TOOLS

- **Postman**

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## REFERENCES

### Mr . Yasindu Sathsara

Director and Senior Lecturer  
+94 775067538

### Mr . Udara San

Senior Lecturer  
+94 78 840 9788