



# DARSHANI PATHIRANAGE

IT Undergraduate

## CONTACT

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Darshani Pathirana | LinkedIn

## PROGRAMMING LANGUAGES

- Java
- JavaScript
- Kotlin
- Python
- R
- HTML
- CSS

## TOOLS & FRAMEWORKS

- MERN Stack
- React Native
- MEAN Stack
- GitHub
- Visual Studio Code
- Tailwind CSS
- Spring Boot

## DATABASE TECHNOLOGIES

- MySQL
- MongoDB
- Firebase
- Oracle
- SQLite

## PROFILE

A responsible, self-motivated, skilled, and dedicated undergraduate student willing to take on new challenges with a sense of teamwork. I enjoy researching and learning about how things began or how I might enhance them. I enjoy exploring and learning about new technologies, as well as sharing my knowledge about them. Looking for an opportunity as an Intern to get knowledge and experience in the IT field.

## PROJECTS

### 🔗 GUARDIAN - Mobile app and web app system for travel security

3rd Year 2nd Semester research Group Project

Developed a web app for enhancing traveler safety during adventures like hiking, using GPS, gyroscopes, and mobile sensors to detect dangers, locate missing persons, and provide priority assistance to accident victims, advancing digital travel applications.

React Native | Node.js | Express.js | MongoDB | EXPO

### 🔗 Zolo - Fitness Social Media Platform

3rd Year 2nd Semester Group Project

Developed a fitness-focused social media platform called Zolo, featuring user media uploads, workout tracking, personalized plans, and social interactions through a REST API and web application.

Spring Boot | MySQL | React.js

### 🔗 Jacklup Solutions – Online IT Services and Event Management Platform

2nd Year 2nd Semester Group Project

Developed a full-stack web application using the MERN (MongoDB, Express.js, React.js, Node.js) stack, enabling customers to hire services from a company for website design, interactive design, event management, and other IT-related tasks.

MongoDB | Express.js | React.js | Node.js

## SOFT SKILLS

- Collaborative
- Attention to Details
- Executive Presentation
- Critical Thinking
- Problem Solving
- Excellent Communication

## COURSEWORK

- OOP Concepts
- Data Structures and Algorithms
- Database Systems
- Software Architecture
- Application Framework

## LANGUAGES

- English
- Sinhala

## REFERENCES

**Ms. K.A.C Indumini**

Academic Instructor, SLIIT, Malabe

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### 🔗 **Open Heart – Charity Donation Management System – Mobile Application**

2nd Year 2nd Semester Group Project

Charity donation app allowing organizations to create fundraising campaigns and receive money donations. Facilitated browsing causes.

**Kotlin | Firebase**

### 🔗 **Driving License Management System– Web Application**

1st Year 2nd Semester Group Project

A Driving License Management System is a web-based application designed to streamline and automate the process of issuing, renewing, and managing driving licenses. It serves as a centralized platform for both applicants and administrative authorities, enhancing efficiency and reducing manual efforts.

**PHP | HTML | CSS | javascript | mySQL**

## ONLINE CERTIFICATION

- **AI/ML Engineer Stage 1**  
Sri Lanka Institute of Information Technology
- **AI/ML Engineer Stage 2**  
Sri Lanka Institute of Information Technology
- **Programing in python - 1 (python for Beginners)**  
University of Moratuwa
- **Web development - 1 Web Design for Beginners**  
University of Moratuwa
- **GitHub Basic**  
Udemy

## EDUCATION

### **B.Sc. (Hons) in Information Technology (SP. Information Technology)**

Sri Lanka Institute of Information Technology Malabe

2021 – 2025 (Expected)

### **G.C.E Advanced Level Examination**

LUMBINI COLLEGE COLOMBO

Commerce Stream (2019)

Economics - B

Information and Communication Technology - C

Accounting- C