

# MALINDU BANDARA

## FULL STACK DEVELOPER

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### PERSONAL STATEMENT

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As a passionate and highly motivated CS student with a strong foundation in computer systems, programming, and problem-solving, an eagerness is expressed to apply knowledge and skills in a practical setting through an internship in the IT field. The goal is to develop practical expertise while meaningful contributions are made toward the objectives of the organization.

### EDUCATION

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**BSc (Hons) Computer Science(UG)** **September, 2023 – Present**  
University of Westminster (Affiliated with IIT, Sri Lanka)

**GCE Advanced Level (Physical Science)** **2020 - 2023**  
Rahula College Matara  
Information Technology - C | Combined Mathematics - S  
Physics - S

**GCE Ordinary Level** **2013 - 2019**  
Rahula College Matara  
A - 08 B - 01

### PROJECTS

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**Real time chat Application** 🔄 **July 2025**  
Implemented a scalable chat application with real-time updates, supporting group conversations and individual messaging, utilizing WebSocket technology  
• Stack - React, Node.js, MongoDB, Socket.io

**ShiftSL** 🔄 **Sep 2024 - April 2025**  
A Dynamic Roster Scheduling System and efficient leave management software for shift-based work environments. Specialized to work with the health care sector of Sri Lanka.  
I took part exclusively in Mobile application development of the ShiftSI app, working with Flutter.  
Integrated Firebase authentication to work seamlessly with registering and logging in users.  
• Stack - Flutter, React.js, SpringBoot, Mysql

**BookStore Application** **April 2025**  
A RESTful API for a Bookstore application using JAX-RS. The API provides functionality for managing books, authors, customers, shopping carts, and orders. The implementation follows REST principles and uses JAX-RS, JSON, and in-memory data storage without relying on external frameworks or databases.  
• Stack - Java, JAX-RS, JSON

**Real-time Ticketing Application** 🔄 **Nov 2024**  
Developed a real-time ticketing system supporting concurrent ticket releases and purchases with multithreading and synchronization to maintain data integrity. Worked with multi-threading and OOP concepts to implement a synchronised, thread-safe environment.  
• Stack - Java

## Eco-verso Shop & Flash Screen (Website)

January 2024

As part of my first year's second-semester group coursework for the Web Design and Development module, I created an online store, accompanying checkout page and splash screen.

- Stack - HTML, CSS, JavaScript

## Plane Management System - Java OOP

Nov 2023

Enables users to purchase plane tickets, view availability, manage bookings, and select seats.

- Stack - Java

## SKILLS

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**Programming Languages** : Python, Java, JavaScript

**Frontend Frameworks and Libraries** : React.js, Next.js, Tailwind CSS

**Backend Frameworks** : Node.js

**Database Systems** : MySQL, MongoDB

**Mobile Development** : Flutter

**Version Control Software** : Git, GitHub

**Creative Softwares** : Figma, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Blender

**Soft Skills** : Problem-solving, Creativity, Emotional Intelligence

## CERTIFICATIONS

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React Essential Training - LinkedIn

December 2024

Programming with JavaScript - Meta

November 2024

Introduction to Front-End Development - Meta

June 2024

Python for Beginners - University of Moratuwa

September 2023

## VOLUNTEER EXPERIENCE

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**Public Relation Team Lead**

July 2024 - December 2024

Leo Club of Matara Nilwala

- "Aloha Nilwala" club's 6th installation ceremony
- "Clash of waves" Swimming Tournament

**PR Team Member**

July 2024

**Cutting Edge 24**

- Design Plaques and Cover Letters

## ACHIEVEMENT

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Participated in a Codesprint 8

Participated in a CodeRally 5.0

Director of Public Relations in Leo Club of Matara Nilwala

Main technician in Rahula College Media Unit

## REFERENCES

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Yasiru Rashan Marambage

Assistant Lecturer,

Informatics Institute of Technology.

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Engineer - Data Engineering

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