



# SAVINDU RAJAPAKSHA

## Software Engineering Undergraduate

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Portfolio

LinkedIn

GitHub

Gampaha, Sri Lanka

## TECH SKILLS

### LANGUAGES & FRAMEWORKS

Java, Python, SpringBoot, PHP

### WEB TECHNOLOGIES

HTML, CSS, Bootstrap, Tailwind CSS

### DATABASE

MySQL, MongoDB

### TOOLS

Git, GitHub, Postman, Swagger

## EDUCATION

### BEng (Hons) Software Engineering

University of Westminster, UK.  
Studied at Informatics Institute of Technology (IIT), Sri Lanka.

(2023-Present)

### Java, SpringBoot Industrial Training Program

SpringBoot Academy (Pvt)Ltd

(Aug 2024 - Nov 2024)

### Advanced Levels (Science Stream)

Combined Mathematics (S),  
Chemistry (S), Physics (S)

(Feb 2022 )

## SOFT SKILLS

Self Learning

Teamwork

Communication Skills

Team Management

Problem Solving

## PROFILE SUMMARY

Motivated 2nd-year Software Engineering undergraduate with hands-on experience in full-stack development. Proficient in Java, SpringBoot, HTML, CSS and database technologies through academic projects and industrial training. Seeking an internship opportunity to apply technical skills in real-world software development while contributing to innovative solutions and gaining valuable industry experience in a collaborative team environment.

## PROJECTS

### EXPORTHAVEN

Sep 2024 – Apr 2025

B2B Platform with Product Demand Prediction

ExportHaven is Sri Lanka's first AI-powered B2B platform connecting local manufacturers with international exporters. It features machine learning algorithms for demand forecasting and market analysis, providing predictive insights on seasonal trends and product demand patterns. The platform addresses gaps in the Sri Lankan export market by offering a unique marketplace solution to help local businesses access global markets. Built using **React.js** for the frontend, **Node.js** with **Express.js** for backend development, **MongoDB** for data management, and **Python** with **TensorFlow** for machine learning-powered demand forecasting.

(Node JS, React JS, Express JS, MongoDB, Python)

GitHub

### TICKET MART

Sep 2024 - Dec 2024

Real time event ticketing system

A Real-Time Event Ticketing System that provides efficient and concurrent ticket allocation through the Producer-Consumer Pattern. The **Spring Boot** backend manages concurrent operations effectively, while the **React JS** frontend delivers live updates to users. This system showcases **Java OOP**, multithreading capabilities, and full-stack development skills for robust event management.

(Java, SpringBoot, React JS, WebSocket API)

GitHub

# INTERESTS

Cloud Computing & DevOps Technologies

Blockchain Technology

Cryptocurrency Markets & Digital Asset Analysis

Exploring New Technologies

# ADDITIONAL ACTIVITIES

## MEMBER

IEEE Global

IEEE Computer Society of IIT

Chess Club at GCC

# REFERENCES

**Mr. Ismail Nyzar**

Software Engineer at Pickme,  
Visiting Lecturer at IIT.

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**Mr. Savin Madapatha**

Software Engineer at IFS,  
Visiting Lecturer at IIT.

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## POS SYSTEM

Aug 2024 - Nov 2024

Basic Point of Sale (POS) System

A simple point-of-sale system built with **Spring Boot** and **MySQL**, implementing the **MVC architecture** and featuring complete **CRUD** (Create, Read, Update, Delete) functionality for streamlined management of sales transactions, product inventory, and customer records. The application delivers reliable performance for business operations and efficient data handling through its well-structured architectural design.

(SpringBoot, MySQL, MVC Architecture)

 [GitHub](#)

## SEAT BOOKING SYSTEM

Feb 2024 - Mar 2024

Airplane seat Booking CLI

A command-line airplane seat booking system built with Java using **OOP** principles to optimize the flight reservation process. The CLI application incorporates essential features such as seat selection, booking management, and real-time availability updates through well-structured OOP design for enhanced functionality and code maintainability.

(Java, OOP)

 [GitHub](#)

## NO-MORE-HUNGER WEBSITE

Feb 2024 - Mar 2024

Social Impact E-Commerce Website

A socially driven e-commerce platform where 45% of proceeds support educational initiatives for underprivileged children. Developed User Profile system, Team Page with interactive effects, and responsive UI/UX components using **HTML**, **CSS**, and **JavaScript**.

(HTML, CSS, JavaScript)

 [GitHub](#)

# CERTIFICATIONS

## FOUNDATION CERTIFICATE IN HIGHER EDUCATION

Informatics Institute of Technology (IIT)

## INDUSTRY ENTERING SUPPORTIVE COURSE PACK (JAVA, SPRINGBOOT)

SpringBoot Academy (Pvt)Ltd

## CLOUD COMPUTING FOR ABSOLUTE BEGINNERS

CoDeKu DevOps Academy

## INTRODUCTION TO CONTAINERIZATION

CoDeKu DevOps Academy