

# Savindu Panagoda

## Software Engineer undergraduate

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in LinkedIn

🐙 Github

📁 portfolio

f Facebook

📷 Instagram

### About Me

As a Software Engineering undergraduate at the IIT, I am passionate about front-end, back-end, API development, and software architectures and currently studying Spring Boot, and Angular further. I am seeking an exciting opportunity to apply my knowledge and skills in the mentioned areas to expand my knowledge and grow up as a professional.

### Skills

#### Technologies

- Java
- JavaFX
- Python
- JSP
- Servlet
- MySQL
- PHP
- GIT
- HTML
- CSS
- Java Script
- R language
- Spring boot
- Hibernate
- React
- Tailwind
- Bootstrap

#### Frameworks

### Education Background

#### BEng (Hons) Software Engineering

University of Westminster - Informatics institute of Technology (IIT) 2021-Present

##### Year 1

- |                                |        |
|--------------------------------|--------|
| • Software Development -I      | 89/100 |
| • Software Development -II     | 76/100 |
| • Mathematics for Computing    | 88/100 |
| • Computer System Fundamentals | 91/100 |
| • Trends in Computer Science   | 69/100 |
| • Web Design and Development   | 79/100 |

##### Year 2

- |                                        |         |
|----------------------------------------|---------|
| • Object Oriented Programming          | 89/100  |
| • Database Management System           | 88/100  |
| • Software Development Group Project   | Ongoing |
| • Sever-side Web Development           | Ongoing |
| • Machine Learning and Data Mining     | Ongoing |
| • Algorithms and Design Implementation | Ongoing |

### Projects

#### Save Hearts (SDGP)

- Web Application for NBTS which helps to manage blood camps and predict upcoming blood requirement
- **Technologies:**
  - React, Firebase, Python, Flask
- **Responsibilities:**
  - I was the leader of this project. I contributed to the development of the machine learning component and front-end development components to predict monthly blood requirements

#### CMJD - Comprehensive Master Java Developer

IJSE Panadura 2022

fulfilled the requirements of the Oracle Certified Associate SE Examination (OCAJP), Oracle Certified Professional SE Examination (OCPJP)

#### G.C.E Advanced Level in Physical Science

Ananda College -Colombo 10  
2020

Subject	Grade
Combined Mathematics	C
Chemistry	C
Physics	S

#### G.C.E Ordinary Level Examination

2017

Obtained 9 A passes

## BookingExpolre.com

- This web application is designed to book hotel rooms, similar to booking.com with an admin dashboard and essential security options and authentications [Ongoing]
- **Technologies :**
  - JSP, Servlet, MySQL, Java, CSS, JavaScript, Bootstrap Ajax jQuery

## EzyPOS

- This is a basic API with crud operations. This API has been developed using swagger-UI to send data to the back end. Created only for an entity named customer.
- **Technologies :**
  - Spring boot, Hibernate, MySQL, Java

## Health Care Management System

- In this program, users can add, delete, edit, and view all patients and doctors with their details. And the User can add consultations and can view all consultations
- Here, layered architecture, singleton design pattern, and factory method pattern used
- **Technologies :**
  - JDBC, Java, JavaFX, and MySQL

## Grocery Shop Management System - I

- In this program, user can add, delete, edit, and view all the items and customers with their details. And the User can place orders and can view all the Orders.
- Here, MVC architecture, singleton design pattern used
- **Technologies :**
  - JDBC, Java, JavaFX, and MySQL

## Grocery Shop Management System - II

- This is an in memory POS system. The same methods as Grocery Shop Management System -I.
- **Technologies :**
  - Bootstrap, jQuery, HTML, CSS, and java-script

## Softwares with experience

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- IntelliJ idea
- PyCharm
- Postman
- R studio
- MySQL workbench
- Xampp server
- HeidiSQL
- Figma
- Adobe XD
- VS Code

## Achievements

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### Participated in Duothan 3.0 organized by IEEE at NSBM

10+ different universities in Sri Lanka have participated.  
70 teams participated and our team got 15th place

### Participated in Microsoft Imagine Cup 2023

### Participated in Codesprint 7.0

### Mathematics quiz Competitions

- 4th Place in All Island -2014
- 1st Place in Western Province -2014
- 1st Place in Zonal level 2013/2014

## Extracurricular activities

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### clubs and societies

- Member of Mozilla club - IIT
- Member of AIESEC -IIT
- Former member of the Science club at Ananda College

### Sports

- Cricket Player at Swingers Cricket Club-Horana
- Former Cricket player
  - U17, U15, U13 school teams

## References

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- **Ms. Nethmi Wijesinghe**

Assistant Lecturer at Informatics Institute of Technology (IIT)

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Tel :0769030880

- **Mr. Dumindu Munasinghe**

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