



Rehan Godakumbura

SOFTWARE ENGINEER (UNDERGRADUATE)

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EDUCATION

G/Dharmasoka College
Ambalangoda - Sri Lanka
(GCE O/L & A/L)
2009 - 2023

University Of Westminster
United Kingdom
Informatic Institute Of Technology (IIT)

EXPERTIS

- Programming Languages
Python, Java, JavaScript
- Frontend Development
html, CSS, JavaScript, React
- Backend Development
Springboot
- UI/UX
Figma
- Database Management
MySQL
- Data Analysis & Visualization
- System Design & Modeling

PROFILE SUMMARY

A passionate and result-oriented **Software Engineering student** with solid expertise in full-stack software development, and data analysis besides an extensive understanding of systems architecture. Competency: **Laravel, React, Python, Unity**, specialty in data visualizing using **R**. Adept at creating unique products, programs, and websites and experienced in developing production education programs, real-time management applications, and Web software. An outstanding ability to solve problems, exceptional skills in collaboration work, and the propensity to provide efficient, effective, and usable software products.

PROJECTS / COURSES

Learn Heart System
IIT Group Project

2024 - 2025

An educational platform enhancing science education in rural Sri Lanka through teacher training, virtual labs, and project-based learning. It features seminar booking, learning material access, and user management. Built with modern technologies, it offers demand forecasting and personalized recommendations, promoting scalable, interactive, and accessible learning solutions.

Event Ticket Management System
IIT Individual Project

2024

This project builds a real-time ticketing system with the help of multi-threading and incorporating the producer-consumer model. It provides approaches for coordinating the synchronised ticketing release and purchase with real-time updates and safe transactions. Designed with the modern technologies, it offers the contemporary, effective, easily scalable and user-friendly solution for the management of the event ticket.

Plane Seat Management System
IIT Individual Project

2024

This project is an application in java that manages and tracks plane seat reservations. These available functionalities including booking, canceling and showing the available seats. Arrays are applied in the system to manage seat data in a real-time basis to benefit from the seat services offered. It also uses user data through objects, thus improving ticketing by providing passenger data in ticket objects.

Website Design & Development - Life On Land
IIT Group Project

2024

This project entails the development of an interactive website for creation of awareness on environmental issues and a call to adhere to environmentally friendly practices. From it, people can learn about the status of biochemical diversities, the measures taken to protect them, and how to involve everyone to ensure full conservation of the lives on land. It seamlessly combines elements of design and content that include uses of interactivity, functionality, and Web 2.0 data with the goal of informing visitors about the conservation of the Earth's resources.

EXTRA-CURRICULAR ACTIVITIES

AT SCHOOL

- **Sports:**
 - Cricket (Under 15)
 - Swimming (Under 15)
 - Carom
- **Awards & Achievements:**
 - All Island Oriental Music Orchestra
3rd Place in Eastern Music (2015)
 - All Island Oriental Music Orchestra
Award for Best Music Re-creation (2016)
- **Clubs / Societies / Units**
 - Member of Literary Society (2015 - 2023)
 - Member of Media Unit (2016 - 2023)
 - Member of School's Oriental Music
Orchestra (2015 - 2019)

AT University

- Member of Rotaract club IIT
(SINCE 2023)
- Member of IEEE club IIT
(SINCE 2023)
- Member of LEO club of IIT
(SINCE 2023)

Tax Calculator System

2023

This is an Individual Project that Designed the Java-Based Tax Calculator System to enable easy computation of taxes such as income tax, withholding tax, and lease tax. It has a powerful interface that is a simple Command Line Interface, performing an input check and giving accurate tax and appropriate leasing installment. The advantages cover the areas of efficiency and ease of use in the management of the organization's finances due to features that include efficient automation of tax calculations, precision, and an obvious preprocessing user interface.

REFEREES

1. Dr. B. A. Kasuni Welihinda
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2. Major General Lalin Fernando (SL Army Retd)
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