



# Nuwani Fonseka



+94 770758438



nuwaniprasansa@gmail.com



Negombo, Sri Lanka

[LinkedIn](#) [Github](#) [Portfolio](#)

## About Me

A highly motivated Software Engineering Undergraduate at Sri Lanka Institute of Information Technology (SLIIT), With a passion for cutting-edge technology, I'm on a relentless quest to deepen my skills and knowledge in software development.

## Education

### Sri Lanka Institute of Information Technology | Malabe

Oct 2022 – Present

- **BSc Software Engineering**
- **Key Modules:**
- Object Oriented Programming **A-**, Internet & Web Technologies **B**, Software Engineering **A**, Database Management Systems **A**, Computer Networks **B**, Operating Systems and System Administration **B**, Mobile App Development **A-**, Data Structures & Algorithms **A-**, Probability & Statistics **B+**, Mathematics for computing **A**, Software Process Modeling **A-**
- **Y1S1: 3.21   GPA Y1S2: 3.00   GPA Y2S1: 3.22 GPA   GPA Y2S2: 3.64 GPA**

### St. Peter's College - Colombo 04, Negombo Branch

2008 – 2022

- **G.C.E. Advanced Level (3 C's)** **English Medium 2022**
- Subjects: Combined Mathematics (C), Physics (C), Chemistry (C), General English(A)
- **G.C.E. Ordinary Level (7 A's 2B's)** **English Medium 2018**
- Subjects: Maths (A), Science(A), English(A), ICT (A), English Literature(A), Commerce(A)

## Technical Skills

- Web Development: HTML, CSS, JavaScript, and MERN stack (MongoDB, Express, React js, Node js), Java, Kotlin, C, C++, Python, Bootstrap
- Database Management: SQL, MySQL, and MongoDB
- IDEs: Visual Studio Code, Eclipse, Android Studio
- Version Control Systems: Git, GitHub
- Object Oriented Programming, Data Structures and Algorithms

## Soft Skills

- **Languages: International English Language Testing System(IELTS) Aug 2022**  
Reading 8.5 Listening 7.5 Speaking 7.5 Writing 6.5
- **Project Management(Agile)**
- **Time Management:** Balancing academic and extracurricular activities effectively.
- **Leadership and Teamwork**
- **Communication & Presentation**

## Projects    My Portfolio

### Security systems installation system

Sri Lanka Institute of Information Technology | Y2S2 IT Project [project link](#)

- Developed a security system installation management system with a focus on the customer affairs section.
- Utilized **MongoDB, Express, React, Node.js (MERN Stack), and CSS** for development.
- Employed **Visual Studio Code** for code editing and project development.
- Implemented functionalities for feedback submission, complaint handling, and a frequently asked questions (FAQ) portal, including full CRUD operations.
- Included features to filter, search and generate reports.

### Online Vehicle Rental System

Sri Lanka Institute of Information Technology | Y2S1 OOP

- Developed a web application for an online vehicle rental system using **Java, HTML, CSS, and JavaScript**.
- Utilized **Eclipse IDE** for development and **MySQL** for database management.
- Deployed the application on Apache Tomcat server for hosting and management.
- Implemented the functionality of vehicle rental packages with full CRUD operations.

### Hotel Management System

Sri Lanka Institute of Information Technology | Y1S2 Information Web Technologies Project

- Developed a comprehensive web application for hotel management using **PHP, JavaScript, HTML, and CSS**.
- Employed **XAMPP server** for local server setup and testing.
- Managed database operations with **MS SQL Server Manager**.

### Car Game Mobile App Development Project

Technologies: Android Studio, XML, Kotlin

- Implemented **ViewModel**
- Used **intents** for communication between application components.
- Implemented **shared preferences** to save game settings and player progress.

### Task Management Application

Technologies: Android Studio, Kotlin, SQLite, Room library, Kotlin Coroutines, RecyclerView, ViewModel, LiveData/Flow

- Implemented a **SQLite database** using the Room library to store task data locally.
- Defined an Entity for tasks and set up a **DAO** for performing CRUD operations.
- Kotlin **Coroutines**
- **ViewModel** Architecture