

SANSALA RANADEWA

SOFTWARE ENGINEERING UNDERGRADUATE



CONTACT

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- [Sansala Ranadewa](#)
- [RashiSansala22](#)
- [Portfolio](#)

TECHNICAL SKILLS

- PROGRAMMING LANGUAGES
- WEB DEVELOPMENT
- TOOLS/TECHNOLOGIES
- DATABASES
- OPERATING SYSTEMS

PROGRAMMING LANGUAGES

- JAVA
- JAVA SCRIPT
- PYTHON
- C
- C++
- HTML/CSS

FRAMEWORKS

- NODE JS
- EXPRESS JS
- REACT

SOFTWARE & TOOLS

- INTELLIJ IDE
- VISUAL STUDIO CODE
- ECLIPSE
- GITHUB

SUMMARY

Dedicated software engineering undergraduate with a strong foundation in programming, problem-solving, and web development. Proven ability to build responsive websites and database-driven applications. Committed to delivering high-quality work and fostering positive team dynamics. Actively involved in extracurricular activities to develop leadership and collaborative skills.

EDUCATION

SLIIT UNIVERSITY

- BSc (Hons) in Information Technology, specializing in Software Engineering 2023 - PRESENT
- GPA : 2.86 / 4.0

Open University of Sri Lanka

2018

- Advanced Certificate in English Language

Bandaranayakapura M.V

2007 - 2022

- Successfully completed GCE O/L and A/L examination.

PROJECTS

Smart Pet Care Marketplace

- Developed PawGo, an innovative Smart Petcare Marketplace using the MERN stack (MongoDB, Express.js, React, Node.js), creating a scalable platform that supports full CRUD functionality.
- Implemented secure payment processing with downloadable PDF receipts, enabling users to easily access and store transaction records for pet services.

Link - <https://paw-go.vercel.app/>

Online Bus Ticket reservation system

- Developed a web-based bus ticket booking application using HTML, CSS, and Java, enhancing the booking process
- Implemented CRUD operations for managing buses and schedules, ensuring data integrity and reducing booking errors by 40%.

Git Hub - [Rashisansala22/Bus Ticket Resrvation System](#)

SOFT SKILLS

- COMMUNICATION TEAM
- WORK PROBLEM SLOVING
- TIME MANAGEMENT
- ANALYTICAL SKILLS
- LEADERSHIP
- TEAM MANAGEMENT
- SELF-MOTIVATED
- FAST LEARNER
- MULTITASKING
- ANALYTICAL THINKING
- PROJECT MANAGEMENT

LANGUAGES

- SINHALA
- ENGLISH

INTERESTS

- ANDROID APP DEVELOPMENT
- UI/UX DESIGN
- CLOUD COMPUTING
- FIREBASE HOSTING
- SERVER-SIDE DEVELOPMENT
- BACKEND ARCHITECTURE
- PROBLEM SOLVING
- ALGORITHMIC THINKING
- DEVOPS (BEGINNER)
- FULL STACK DEVELOPMENT
- OPEN SOURCE CONTRIBUTION

REFERENCES

Textile and garment Management System

- Constructed a desktop application for garment production tracking using PHP and JavaScript, facilitating seamless data flow and improving operational visibility, with 99.9% uptime maintained since deployment.
- Implemented CRUD operations for products, categories, and orders, reducing manual entry errors by 25% and optimizing the production process.

Git Hub - [Rashisansala22/Textile & Garment Management System](https://github.com/Rashisansala22/Textile-&Garment-Management-System)

Food Ordering System

- Developed a responsive food ordering web application inspired by KFC using the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling users to browse menus, place orders, and track their order status in real time.

Git Hub - [Rashisansala22/Food Ordering System](https://github.com/Rashisansala22/Food-Ordering-System)

PetFlix Application

- Developed the Petflix application using Android Studio and Kotlin, providing pet owners with tools to monitor pet wellness, access guided meditation sessions, and track daily care routines.
- Designed a user-centric interface with engaging visuals and intuitive navigation, improving user interaction and making pet care management more accessible and enjoyable for pet parents.