

# PASINDU LAKSHAN

## SOFTWARE ENGINEER



### CONTACT

- ☎ 071 9930 179
- ✉ [lpasindu30@gmail.com](mailto:lpasindu30@gmail.com)
- 📍 Wattala
- 🌐 [pasindu-lakshan](#)
- 🐙 [PasinduLF](#)
- 👤 [Portfolio](#)

### TECHNICAL SKILLS

- **Programming Languages:**  
Java, Python, JS, C, C++,  
PHP, Kotlin, R, SpringBoot
- **Web Development:** HTML,  
CSS, React, Bootstrap,  
Tailwind, Node.js, PHP, React  
Native
- **Databases:** MySQL,  
MongoDB, Firebase
- **Version Control:** Git, GitHub
- **Tools/Platforms:** Visual  
Studio, Android Studio,  
Figma, Postman

### LANGUAGES

- English
- Sinhala (Native)



### PROFILE

I am a dedicated and enthusiastic Software Engineering undergraduate with a strong foundation in programming, problem-solving, and software development principles. I am currently seeking an internship opportunity to apply my technical knowledge in a practical, collaborative environment. Passionate about learning new technologies, writing clean and efficient code, and contributing to real-world projects. A fast learner with strong communication and teamwork skills, I am eager to gain industry experience and grow as a future software professional.



### EDUCATION

- **BSc (Hons) in Information Technology** 2023 - Present  
**Specialising in Software Engineering**  
Sri Lanka Institute of Information Technology (SLIIT)
- **G.C.E. Advanced Level Examination** 2021  
Sri Sumangala National College, Kiribathgoda  
Passed with 1A's and 2B's
- **G.C.E. Ordinary Level Examination** 2018  
Bandaranayaka College, Hunupitiya  
Passed with 2A's, 2B's and 4C's



### CERTIFICATIONS

- **Trainee- Full Stack Developer Program**  
Open learning platform of the University of Moratuwa (online) — ongoing.
- **MongoDB Java Developer Path**  
MongoDB University
- **Certificate in Computer Application**  
National Youth Services Council, Sapugaskanda
- **Project Management 101**  
Simplilearn



### EXTRA CURRICULAR ACTIVITIES

- **Student Member, IEEE**  
Member number: 101560868
- **Volunteer, University CodeFest**  
Helped organize workshops and competitions

## PERSONAL SKILLS

- Project Management
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

## REFEREES

### Dr. Dinuka Wijendra

Senior Lecturer (Higher Grade) /  
SLIIT

Phone: 0719525253

Email : dinuka.w@sliit.lk

### Mr. Nelum Chathuranga

Senior Lecturer / SLIIT

Phone: 0719096100

Email : nelum.a@sliit.lk



## PROJECTS

### FeelsFIX - Online Therapy Booking Management System

**Technologies:** HTML, JavaScript, React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Postman, GitHub

Built using the **Agile development methodology**, this platform connects clients with therapists for online sessions. I was responsible for the **User Management** and **Appointment Scheduling** components. Implemented user registration, authentication, and appointment logic using **React** and **Node.js**, with **MongoDB** for data storage. Used **Postman** for API testing and styled the frontend with **Tailwind CSS**.

### CashBuddy - Personal Financial Tracker (Mobile App)

**Technologies:** Kotlin, Java, Firebase, Figma, Android Studio

Designed and developed a personal finance mobile app independently to help users manage their **income, expenses, and savings goals**. Used **Kotlin** and **Java** for development, and **Firebase** for real-time database and user authentication. Created a clean, user-friendly interface with **Figma**.

### Safe19.com - Online Vaccination Portal

**Technologies:** HTML, CSS, Bootstrap, JavaScript, PHP, SQL

Created to simplify **COVID-19 vaccination appointment management**, allowing users to book and manage appointments online. I was responsible for developing the **appointment scheduling and tracking** system using **PHP** and **SQL**, with a responsive frontend built using **Bootstrap** and **JavaScript**.

### Online Staff Management System

**Technologies:** HTML, CSS, Bootstrap, Java, JavaScript

Developed the **Task Management Module** of the system using **Object-Oriented Programming (OOP)** principles and the **MVC architecture**. Enabled staff to assign, update, and track task status efficiently. Backend logic was built using **Java**, while the frontend used **Bootstrap** and **JavaScript** for interactivity and responsiveness.

### EcoWaste Solutions - Smart Waste Management System

**Technologies:** React.js, Spring Boot, Java, MongoDB, Google Maps API, Tailwind CSS, Bootstrap, GitHub

Developed a full-stack waste management system connecting users, collectors, and administrators to streamline recyclable and special waste collection. Implemented waste collection scheduling, GPS-based location selection using Google Maps, QR-code based verification, and a digital wallet reward system. Built responsive user interfaces with React and Tailwind CSS, and developed secure REST APIs using Spring Boot and MongoDB for data management and analytics.

### RebuildHub - Disaster Management & Emergency Response Mobile Application

**Technologies:** React Native, Expo, Firebase (Firestore, Authentication), Google Maps API, Cloudinary, AsyncStorage, GitHub

Designed and developed a comprehensive mobile application for disaster reporting and emergency response. Enabled users to report disasters, request emergency aid, and view real-time disaster zones on interactive maps. Implemented offline support with automatic data synchronization, real-time notifications, QR code generation for emergencies, and secure media uploads using Cloudinary. Firebase was used for authentication, real-time database operations, and analytics.