

PASINDU LAKSHAN

SOFTWARE ENGINEER



CONTACT

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- 🌐 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
Specialising in Software Engineering** 2023 - Present
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

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Mr. Nelum Chathuranga

Senior Lecturer / SLIIT

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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.