Imaya Senuri
Full-Stack Developer

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ABOUT ME

I'm a passionate full-stack developer currently pursuing a BSc (Hons) in Software Engineering at LNBTI. I have hands-on experience in both frontend and backend development, with a strong foundation in data structures, algorithms, and system design. I enjoy solving real-world problems through self-learning and building impactful software solutions.

EDUCATION

- **2022 - PRESENT**   **LANKA NIPPON BIZTECH INSTITUTE**
  - BSC (HONS) SOFTWARE ENGINEERING - READING
  - CURRENTLY IN 3RD YEAR
  - GPA: 3.58

- **2019 - 2021**   **GCE ADVANCED LEVEL**
  - Technology Stream

- **2017 - 2018**   **GCE ORDINARY LEVEL**

ACADEMIC & PERSONAL PROJECTS

- **2025**   **WEB AND MOBILE-BASED CREDIT CARD MACHINE REPAIR & SPARE PARTS MANAGEMENT SYSTEM (GROUP PROJECT)**
  - A digital platform to streamline machine repair workflows, including job tracking, part management, and customer approvals.
  - **Tech Stack: Node.js (backend),Vue.js (frontend), Firebase (database), Tailwind CSS**

- **2024**   **UNIVERSITY SOCIAL PLATFORM**
  - A full-stack platform for students and university staff to communicate, share updates, post events, and collaborate.
  - **Tech Stack: Spring Boot (backend), AngularJS (frontend) and Tailwind CSS**

- **2024**   **LAPTOP REPAIR MANAGEMENT DATABASE SYSTEM**
  - A report-focused backend system to manage and analyze repair records.
  - **Tech Stack: PostgreSQL**

- **2024**   **REAL-TIME EVENT TICKETING SYSTEM**
  - A multi-threaded simulation of a ticketing system using the Producer-Consumer pattern to model real-time ticket release and purchase behavior.
  - **Tech Stack: Spring Boot, React.js, Bootstrap**

- **2024** **SMART RESTAURANT MANAGEMENT SYSTEM**
  - A user-friendly web-based system to manage food orders, customer budgets, and restaurant operations with role-based access for chefs, managers, and admins.
  - **Tech Stack: Laravel, Tailwind CSS (Frontend), Java OOP (Admin Panel)**

- **2024** **CHILLER PLANT COOLING SYSTEM – ROLE-BASED DESKTOP APP**
  - A desktop application using OOP to simulate and manage a building's cooling environment with role-based access for operators, engineers, and administrators.
  - **Tech Stack: C# OOP, SQL Server**

- **2024** **RESPONSIVE REAL ESTATE SEARCH USING REACT.JS**
  - A client-side application with React.js for property search and filtering, integrating responsive design, image galleries, and local storage for saving favourites.
  - **Tech Stack: JavaScript, React.js, Bootstrap**

- **2023** **LIBRARY MANAGEMENT SYSTEM**
  - A library system where admins manage librarians and policies, and librarians handle books, borrowers, issuing, and returns with data validation.
  - **Tech Stack: C++**

OTHERS

- **2019** **DIPLOMA IN ENGLISH AND INFORMATION TECHNOLOGY**
  - Esoft Metro Campus

- **2024** **JAPANESE LANGUAGE PROFICIENCY TEST (JLPT) N5 PASSED**

TECHNICAL SKILLS

Programming Languages:

- PHP, HTML, CSS, Java, C#, C++, JavaScript. Python

Frameworks/Libraries:

- Laravel, Bootstrap, Tailwind CSS, React.js, AngularJS, Spring Boot, NodeJS, VueJS, Flutter

Databases:

- MySQL, PostgreSQL

Backend / Cloud Services / Tools:

- Postman, GitHub, Eclipse, IntelliJ IDEA, pgAdmin, phpMyAdmin, Firebase, Android Studio, Dev C++, Visual Studio

SOFT SKILLS

- Quick Learner
- Effective Communicator
- Collaborative Team Player
- Strong Problem-Solving Ability
- Adaptable and Self-Motivated
- Creative Thinking

LANGUAGES

- ENGLISH - Intermediate
- JAPANESE - Intermediate
- SINHALA - Native

REFERENCES

Mr. Janith Perera
Senior Lecturer ICT. / Batch Cordinator
Email: janithp@edu.lnbti.lk

Ms. Bhashini Wijewickrama
Senior Lecturer.
Email: bhashini@edu.lnbti.lk