

K.N LAHIRU PIYUMAL

Undergraduate Student at SLIIT(3rd year)

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P R O F I L E

An enthusiastic and driven IT undergraduate at SLIIT with a deep passion for technology and innovation. I thrive in dynamic environments where I can turn ideas into impactful solutions. Armed with a solid foundation in computer science and a hands-on approach to learning, I'm eager to contribute to forward-thinking projects. I bring a growth mindset, adaptability, and a collaborative spirit to every challenge—always striving to add meaningful value while expanding my skills in the ever-evolving tech landscape.

E D U C A T I O N

- **BSc (Hons) in Information Technology**
Specialising in Information Technology
 - **British WayEnglish**
Diploma in English
 - **GCE Advanced Level - Tech**
 - Engineering Technology -C
 - Science for technology -C
 - Infomation technology -S

2023

2023

2021

C E R T I F I C A T E

- **Alison**
Introduction to HTML and CSS
 - **Simpli Learn**
Cyber Security (certificate)
UI/UX (certificate)
R Programming for Beginners (certificate)

2025

2025

K E Y S K I L L S

Languages

- Java, C++,JavaScript,C, Python, HTML, CSS, PHP , SQL

Developer Tools

- Git & GitHub, VsCode, Netbeans, Eclipse

Databases & Tools

- MongoDB Compass , MySQL Workbench

Frameworks

- React,Node.js,Bootstrap, TailwindCSS, MUI

S O F T S K I L L S

- Problem Solving & Critical Thinking
- Teamwork & Collaboration
- Time Management
- Strong Communication
- Creative Thinking
- Attention to Detail
- Leadership Potential

L A N G U A G E S

- Sinhala
- English

PROJECTS

Water Purification Management System 2025

React, Next.js, Node.js, Express, MongoDB, Framer Motion, JWT, Nodemailer

Developed a comprehensive MERN-stack web application to support operations of water purification companies, featuring modules like water quality tracking, appointment management, online sales, and community engagement.

- Built a post creation system where users can share thoughts, experiences, or updates
- Enabled real-time interaction with features such as likes and comments using React state management and MongoDB updates.
- Integrated Framer Motion for smooth UI animations and better user experience.

Hospitality management System 2024

Java, MySQL, HTML, CSS, Java script, Java servlet

Developed a comprehensive Java-based Hospitality Management System featuring modules such as appointment management, customer service tracking, and reporting, built using Java, MySQL, HTML, CSS, JavaScript, and Java Servlets.

- Implemented scheduling, updating, and tracking of appointments efficiently.
- Ensured seamless integration with other system modules.

Melissa's Food court management System 2025

React, Next.js, Node.js, Express, MongoDB, Framer Motion, JWT, Nodemailer, MUI

Designed and developed a dynamic web app to streamline food court operations, featuring sales tracking, revenue analytics, top-selling item insights, and waiter management with secure role-based access. Delivered an interactive and responsive UI with MUI and Framer Motion.

- Tracks sales item count, total revenue, total sales, and total income
- Displays top-selling and highest-selling food items
- Includes waiter management with secure role-based access
- Interactive and responsive UI built with MUI and Framer Motion

Online Pet care Center 2024

HTML, CSS, JavaScript, SQL

Xampp Server is used as Local server

Developed a web-based application for a pet care service, incorporating both service management and an integrated online pet store

- Pet sales and management (add/view/update pets for sale)
- Accessory sales with browsing and purchase functionality
- Secure payment system with order tracking
- User-friendly interface using HTML, CSS, and JavaScript

Eato Food delivery App 2025

Kotlin & figma

Developed a mobile application that enables users to order food, watch recipe/tutorial videos, and track food delivery in real-time.

- Food ordering system with menu browsing and cart functionality
- Video lessons for food preparation and cooking
- Integrated food delivery tracking and status updates
- User-friendly interface and smooth navigation

Budget Tracking Mobile Application 2025

Kotlin & figma

Developed a mobile application that combines e-commerce functionality with personal finance management. Users can:

- Track salaries, expenses, and budgets in real time
- Set monthly spending limits and monitor transactions
- Use intuitive interfaces for managing financial data
- Store and retrieve data locally using Shared Preferences for offline support