

# K.N LAHIRU PIYUMAL

Undergraduate Student at SLIIT(3<sup>rd</sup> year)

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## PROFILE

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.

## EDUCATION

- |   |      |
|---|------|
| • <b>BSc (Hons) in Information Technology</b><br>Specialising in Information Technology   | 2023 |
| • <b>British WayEnglish</b><br>Diploma in English   | 2023 |
| • <b>GCE Advanced Level - Tech</b> <ul style="list-style-type: none"><li>• Engineering Technology -C</li><li>• Science for technology -C</li><li>• Infomation technology -S</li></ul> | 2021 |

## CERTIFICATE

- **Introduction to HTML and CSS**  
Alison
- **Cyber Security (certificate)**  
Simpli Learn
- **UI/UX (certificate)**  
Simpli Learn
- **R Programming (certificate)**  
Simpli Learn
- **SQL & Relational Databases**  
Cognitive Class (IBM Skill Network)
- **Deep Learning Fundamentals**  
Cognitive Class (IBM Skill Network)

## KEY SKILLS

### Languages

- Java, C++, JavaScript, C, Python, PHP, SQL, R

### Frontend Development

- React, Next.js, HTML, CSS, TypeScript, Tailwind CSS, Bootstrap, MUI, Framer Motion

### Backend Development

- Node.js, Express, PHP

### Tools & Platforms

- Git, GitHub, VS Code, NetBeans, Eclipse, MongoDB Compass, MySQL Workbench, Postman, Figma, Android SDK

### Databases

- MySQL, MongoDB

## SOFT SKILLS

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

## LANGUAGES

- 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.

GitHub Link - [https://github.com/lahirupiyumal/water\\_purification\\_system\\_community.git](https://github.com/lahirupiyumal/water_purification_system_community.git)

## Hospitality management System

2024

**Java, MySQL, HTML, CSS, JavaScript, 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

GitHub Link - <https://github.com/lahirupiyumal/RestaurantEmployeeManagementSystem.git>

## 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

GitHub Link - <https://github.com/lahirupiyumal/petpulsecarehub.git>

## 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

GitHub Link - <https://github.com/lahirupiyumal/EatoFoodApp.git>