

K.N LAHIRU PIYUMAL

Undergraduate Student at SLIIT(3rd year)

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PROFILE

Enthusiastic software engineering undergraduate pursuing a BSc (Hons) in Information Technology at SLIIT. With a strong foundation in Java and full-stack development, I bring proven problem-solving and analytical skills, along with hands-on experience building web and software applications. Passionate about learning emerging technologies and contributing to innovative, real-world projects.

EDUCATION

BSc (Hons) in Information Technology

June 2023 - Present

Sri Lanka Institute of Information Technology (SLIIT)

- Specialising in Information Technology
- Current GPA : 2.8
- Key Modules:

Introduction to programming / Object Oriented Concepts / Information System and Data Modeling /

Internet and Web Technologies / Software Engineering / Object Oriented Programming / Database Management System /

Computer Network / Operating Systems and System Administration / Mobile Application Development / Data Structures and

Algorithms / Data Science and Analytics / Business Management for IT / Information Assurance And Security / Human

Computer Interaction

2021

GCE Advanced Level - Tech Stream

- Engineering Technology, Science for Technology, Information Technology (2 C's and 1 S)

British WayEnglish

- Diploma in English

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

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)

SOFT SKILLS

- Problem Solving & Critical Thinking
- Teamwork & Collaboration
- Time Management
- Creative Thinking

PROJECTS

Water Purification Management System

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

Hospitality management System

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

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

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

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>