K.N LAHIRU PIYUMAL

Undergraduate Student at SLIIT(3rd 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

- **BSc (Hons) in Information Technology**   **2023**
  Specialising in Information Technology

- **British WayEnglish**   **2023**
  Diploma in English

- **GCE Advanced Level - Tech**   **2021**
  - Engineering Technology -C
  - Science for technology -C
  - Infomation technology -S

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, HTML, CSS, PHP , SQL,R

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

Frameworks & Libraries:
- React, Next.js, Node.js, Express, Bootstrap, TailwindCSS, MUI, Framer Motion

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

P R O J E C T S

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

Hospitality managemant 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 managemant 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/ResturantEmployeeManagemantSystem.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