# HIRUNA PANDITHA

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in Hiruna Panditha    🔀 Hiruna SP    🌐 Hiruna-Portfolio

## PROFESSIONAL SUMMARY

Qualified professional with demonstrated leadership experience. Experienced in aligning with organizational policies and delivering measurable outcomes through effective collaboration and clear communication.

## EDUCATION

**B.Eng (Hons) Software Engineering (IIT)**      Sep 2024 - Present
University of Westminster

Object Oriented Programming
Operating Systems
Algorithms: Theory,Design and Implementation
Mathematics for Computing

**G.C.E Advance Level Examination**      Jan 2023
Richmond College

Combined Maths - B
Physics - C
Chemistry - S

## PROJECTS

**AgriAdapt : Automated Advisory Generation for Climate Resillent Agriculture**
Front-End Developer | Flutter, Node.js, React, Firebase, IoT
- Developed a mobile application delivering automated, location-specific farming advice using real-time data, allowing farmers to access recommendations in under 5 seconds.
- Integrated IoT sensors (ESP32, ultrasonic) to monitor environmental conditions, reducing manual data collection efforts by over 50%.
- Utilized Firebase and Node.js for efficient data processing, storage, and retrieval.

**Ceylon Bliss International Website**
Developer | React, Tailwind CSS, JavaScript
- Designing and developing a responsive e-commerce site with 6+ product listings for a Sri Lankan spice company.
- Implementing key sections including Home, Shop, About Us, Contact Us, and Cart for intuitive navigation.
- Integrating product browsing, shopping cart, and customer engagement features.
- Ensuring mobile responsiveness and a clean, user-friendly interface.

**Personal finance tracker**
Developer | Python
- Created a simple yet powerful financial tracking tool to help users monitor their income, expenses, and savings, enabling better financial planning and money management

**Student Management System**

Developer | Java

- Built a robust student results management system using OOP to handle data for 200+ students across multiple modules.
- Automated grade calculation and report generation, reducing manual grading time by 40%.

**LiveMore Health Website**

Team Leader | HTML, CSS, JavaScript

- Led a team of 4 developers to design and develop a responsive health and lifestyle website.
- Built 6+ key sections including Home, Gallery, Shop, Team, Sitemap, and Feedback.
- Implemented a structured footer with contact information, navigation links, and social media, improving user interaction by 25% in testing.

## SKILLS

**Programming Languages :**
Python , Java , HTML , CSS , Dart , JavaScript , C , KSH

**Database Management :**
Firebase , MongoDB , SQL

**Languages :** English , Sinhala , German(A1)

**IDEs / Tools / API Platforms :**
VSCode , NetBeans , PyCharm , IntelliJ IDE , Flutter , Postman API Codeblocks , Google Colab, Kaggle

**Frameworks & Libraries :** Spring Boot , React , Node.js , Scikit-learn, TensorFlow, NLTK

**Soft Skills :**
Cross-functional teamwork
Technical issue resolution
Task prioritization
Team leadership
Public speaking
Risk assessment

**Version Control :** Git

## CERTIFICATIONS

- Postman API Fundamentals Student Expert - Postman
- AI/ML Engineer - Stage 1 - SLIIT
- Spring Boot 2.0 Essential Training - LinkedIn
- React Essential Training - LinkedIn
- Learning the JavaScript Language - LinkedIn

## LEARDERSHIPS & ACHIEVEMENTS

- **Swimming Teachers' Association (STA)**
  STA Award in Teaching Swimming – Swimming Teachers' Association

- **International Lifesaving Federation Qualifications**
  Certified in ILS Surf Lifeguard (Surf Bronze Medalist)

- **Captain of Richmond College Lifesaving**                Feb 2022 - Feb 2024
- **Club Captain of Old Richmond Swimming & Lifesaving Club**   Aug 2024 - Current
- **Junior Instructor of Richmond College Lifesaving**        Sep 2024 - Current

## REFERENCES

K.K. Thilini N. Ekanayake
Assistant Lecturer
Informatics Institute of Technology
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Assistant Lecturer
Informatics Institute of Technology
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