



HIRUNI RAMANAYAKA

Software Engineering Undergraduate

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ABOUT ME

Motivated and passionate Software Engineering undergraduate at the University of Kelaniya, with a strong interest in web development and continuous learning. Eager to apply creativity and programming knowledge to real-world projects while thriving in collaborative environments. Committed to personal and professional growth, and excited to take on challenges that expand both technical knowledge and practical experience.

EDUCATION

• B.Sc. (Hons.) Software Engineering (UG)

2023 - PRESENT

University of Kelaniya, Sri Lanka

Current GPA – 3.730/4.0

Specializing Domains

- Net-Centric Web Application Development
- Data Science and Machine Learning
- Mobile Application Development

• G.C.E (Advanced Level) - Physical Science Stream

2021

Bandaranayake Central College Veyangoda

Z-Score – 1.5880

Results: Chemistry - A, Physics - B, Combined Mathematics - B

PROJECTS

• StepWise - Habit Tracker Mobile App (Individual)

Technologies: React Native, TypeScript

Repository: [StepWise](#)

Developed a mobile app to help users build and keep healthy habits. The app lets users set goals, track daily progress like features. Designed with a clean and intuitive interface, it focuses on supporting long-term personal growth through simple, user-friendly features.

• Fuel Quota Management System (Group)

Technologies: Flutter, React, Spring Boot, MySQL

Repository: [fuelstationManagementSystem](#)

Designed and developed a fuel management system with separate dashboards for admins, customers, and staff. Customers can register, receive a QR code, and scan it to get fuel based on usage limits. The system includes secure login using JWT and password encryption to protect user data.

• Todo List App (Individual)

Technologies: React Native, TypeScript

Repository: [ToDoList](#)

Developed a simple and effective task management app aimed at enhancing user productivity. The app enables users to create, edit, complete, delete, and view detailed information about tasks. Key features include task sharing and a user-friendly interface designed to ensure smooth and efficient task tracking.

• PetHug – Veterinary Hospital Website (Group)

Technologies: HTML, CSS, JavaScript, PHP, MySQL

Repository: [PetHug](#)

Pethug is a comprehensive veterinary hospital website designed to streamline pet care services for pet owners, doctors, and administrators. It offers features such as multi-pet registration, appointment booking, virtual consultations, pet boarding requests, medical report management, and online/offline payments. The system ensures a smooth, role-based user experience with clear navigation and reliable functionality.

• Portfolio Website (Individual)

Technologies: HTML, CSS, JavaScript

Repository: [Portfolio](#)

Created a personal website to showcase projects, skills, and achievements. The site includes sections such as About Me, Projects, Skills, Blog, and Contact, all designed to provide a smooth and interactive browsing experience. It serves as a platform to connect with potential employers or clients and highlight professional growth.

TECHNICAL SKILLS

- **Programming Languages** - Java, C, HTML, CSS, JavaScript, PHP, Python, TypeScript
- **Frameworks & Technologies** - React, React-Native, Spring Boot, Node.js, Express.js
- **Databases** - MySQL, MongoDB
- **Software Tools** - Git/GitHub, Figma, IntelliJ IDEA, VS Code, Postman, Jira, Power BI

SOFT SKILLS

- Adaptability
- Leadership
- Teamwork and Collaboration
- Emotional Intelligence
- Time Management
- Critical Thinking

CERTIFICATIONS

- **Programming & Development**
 - Diploma in C Programming - Alison (Dec 2023)
 - Diploma in Python Fundamentals - Alison (Dec 2023)
 - Advanced Diploma in Python Programming - Alison (Dec 2023)
 - Fundamentals of HTML - Alison (Apr 2024)
 - Diploma in CSS using HTML - Alison (Apr 2024)
- **Web Development & JavaScript**
 - Web Development Certificate - Sololearn (Dec 2024)
 - Coding Foundation Certificate - Sololearn (Aug 2024)
 - Introduction to JavaScript - Sololearn (Apr 2025)
 - JavaScript Intermediate - Sololearn (May 2025)
 - JavaScript Basic - HackerRank (May 2025)

EXTRA QUALIFICATIONS

- Participated in inter-university hackathon (RealHack) in 2024 which conducted by Software Engineering Student Association of University of Kelaniya.
- Participated in inter-faculty mathematic competition (Paramount 3.0) in 2024.
- Participated in JuniorHack (PreHack) hackathon in 2024 which conducted by Software Engineering Student Association of University of Kelaniya and qualified for final hackathon.

EXTRACURRICULAR ACTIVITIES

- IEEE Student Branch, University of Kelaniya
 - Assistant Secretary, [2024 Aug – Present]
- IEEE WIE Affinity group, University of Kelaniya
 - Member of Editorial Team, [2023 Sep – 2024 Jul]
- Member of Software Engineering Student Association, University of Kelaniya
- Member of Rotaract Club, University of Kelaniya

LANGUAGES

- Sinhala
- English

REFERENCES

Dr. Nalin Warnajith.

Senior Lecturer

Head of the Software Engineering Teaching Unit
University of Kelaniya.

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Dr. Isuru Hewapathirana.

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