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 – 3.73/4.0

  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

- **E-commerce Website – Coffee Shop (Individual)** *Ongoing*

  Technologies: React.js, Express.js, MongoDB, Node.js   **Repository:** CoffeeShop

  Currently developing a full-stack e-commerce site for a coffee shop with product listings, cart, authentication, and order management.

- **StepWise - Habit Tracker Mobile App (Individual)** *May 2025*

  Technologies: React Native, TypeScript   **Repository:** StepWise

  Created a user-friendly mobile app to support healthy habits through goal setting and daily progress tracking, promoting long-term personal growth with a clean, intuitive design.

- **Todo List App (Individual)** *April 2025*

  Technologies: React Native, TypeScript   **Repository:** ToDoList

  Created a task management app with intuitive features for creating, editing, completing, and sharing tasks, designed to boost productivity through a clean, user-friendly interface.

- **PassMyFuel - Fuel Quota Management System (Group)** *Dec 2024 - Feb 2025*

  Technologies: Flutter, React, Spring Boot, MySQL   **Repository:** fuelstationManagementSystem

  Developed a secure fuel management system with role-based dashboards, QR code-based fuel access, and encrypted JWT login for user data protection.

- **PetHug – Veterinary Hospital Website (Group)** *Oct - Nov 2024*

  Technologies: HTML, CSS, JavaScript, PHP, MySQL   **Repository:** PetHug

  Developed Pethug, a full-feature veterinary website offering multi-pet registration, appointments, virtual consults, medical records, boarding, and payments, built for a seamless, role-based user experience.

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** - GitHub, Figma, IntelliJ IDEA, VS Code, Postman, Jira, Power BI

SOFT SKILLS

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

CERTIFICATIONS / ACHIEVEMENTS

- **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)

- **Cloud Computing**
  - AWS Educate: Introduction to Cloud 101 - Amazon Web Services (Jun 2025)
  - AWS Knowledge: Cloud Essentials - Amazon Web Services (Jun 2025)

HACKATHONS AND COMPETITIONS

- 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.

VOLUNTARY EXPERIENCE

- 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 (Native)
- English (Professional Proficiency)

REFERENCES

Dr. Nalin Warnajith.
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Software Engineering Teaching Unit,
Faculty of Science,
University of Kelaniya.

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