

# KASUNI PEIRIS

UNDERGRADUATE IN SOFTWARE ENGINEERING

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## PROFESSIONAL SUMMARY

Solutions-oriented Software Engineering professional with a strong academic foundation and hands-on expertise in web development, UI/UX design, project management, and leadership. Skilled at leveraging technical and design capabilities to drive innovation, enhance efficiency, and deliver impactful solutions through collaborative problem-solving and a commitment to excellence.

## EDUCATION

### BSc (Hons) Software Engineering

Cardiff Metropolitan University

November 2024 – September 2025

### HD in Computing and Software Engineering

Cardiff Metropolitan University

August 2022 – March 2025

### G.C.E. (A/L) – Science Stream

2008 –2021

### G.C.E. (O/L)

Swarnamali Girls' College, Kandy

## TECHNICAL SKILLS

- Programming Languages: HTML, CSS, JavaScript, Java, Python, C++, R
- Frameworks & Libraries: Tailwind CSS
- Design Tools: Figma
- Mobile Development: Android Studio
- Database Technologies: MySQL, SQLite
- Other Skills: OOP, Design Patterns, Agile

## PROJECTS

### 1. Coffee Website UI/UX Design

- Created a modern and visually appealing e-commerce website prototype for a coffee brand using Figma.
  - Project Link: <https://www.figma.com/proto/wp5lEuL7GF52Nt2BoUG68x/Coffee-Website?node-id=0-1&t=BXcrUfrHeBfoo7VZ-1>

### 2. Headphones Website UI/UX Design

- Created a modern and responsive e-commerce website prototype for a premium headphone brand using Figma, focusing on clean visuals, smooth navigation, and engaging user experience.
  - Project Link: <https://www.figma.com/proto/ZuczOxs5HO7nosSoZqMrjW/Headphones-Website?node-id=0-1&t=9owR3DIGl0BHZDXP-1>

### 3. Integrated Skin Disease Diagnosis and Support System | AI-Based Web Application

- Developed an intelligent web system to diagnose skin diseases from images, provide health guidance, and enable user interaction via chatbot support.
  - Technologies used: Frontend – Streamlit | Backend – Python | Database – SQLite | AI – TensorFlow, Keras, MobileNetV3 | Chatbot – DeepSeek API | Security – Hashlib (SHA-256)
  - Project Link: <https://github.com/kasuni17/Integrated-Skin-Disease-Diagnosis-and-Support-System>

### 4. Mega City Cab Service Booking System | Java Web Application

- Developed a web app for cab service operations with booking, driver management, and automated billing.
  - Technologies Used: Java, JSP, Servlets, JDBC, MySQL, MVC Architecture, Apache Tomcat
  - Project Link: <https://github.com/kasuni17/Mega-Cab-Reservation-System>

### 5. Gym Management System | Web Application

- Developed a gym management platform with admin, member, and staff roles, featuring member management, staff scheduling, and intuitive dashboards for efficient operations.
  - Technologies used: PHP, MySQL, HTML, CSS, JavaScript, Bootstrap
  - Project Link: <https://github.com/kasuni17/Gym-Management-System>

## AWARDS AND CERTIFICATION

- Diploma in English (Pearson Assured) - 2019
- Diploma in Information Technology (Pearson Assured) - 2019
- Diploma in English - (BCAS Campus - 2019)
- Diploma in Information Technology - (BCAS Campus -2019)
- aat - (Level 1) [ Accounting Assistant ]
- Vishardha part 2 ( Bhatkande Sangit Vidyapith )
- Institute of Western Music & Speech Elementary in SPOKEN ENGLISH(1st session) with Honors in 2010
- All Island School Music & Drama Competition ( 2nd Place)

## REFERENCE

### Mr. Prabu Premkumar

Head of Faculty - IT and Sciences

ICBT Kandy Campus

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### Mr.Induranga Chamendra

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Faculty of IT and Sciences, ICBT Kandy Campus

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