



# KASUNI ABEYNAYAKE

COMPUTER SCIENCE UNDERGRADUATE

## CONTACT

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## EDUCATION

2022-2025

### Plymouth University, affiliated with NSBM Green University

Bachelor of Science with Honours in  
Computer Science

2022-2023

### ESOFT Metro Campus

Pearson Assured Diploma in Information  
Technology (DiTEC)

Grade : Distinction

2022

### ESOFT Metro Campus

Pearson Assured Diploma in English (DiE)

Grade : Distinction

2018-2020

### Sri Rahula Balika Maha Vidyalaya, Malabe

Successfully Completed GCE Advanced  
Level Examination in Biological Science  
Stream

2017

Successfully Completed GCE Ordinary  
Level Examination

2015

### ESOL College International

Successfully Completed Cambridge  
Young Learners English (YLE) Flyers

## PROFILE

I am a computer science undergraduate. I have strong teamwork, communication, and problem-solving skills. I am energetic and dedicated to creating innovative solutions and thrive working with others. Whether solving tough problems or developing new ideas, I am committed to doing my best and passionate about advancing technology.

## OBJECTIVE

I am a diligent and dynamic Computer Science student looking for an IT internship to make the most of my teamwork, communication, and problem-solving capabilities. I love changing the world of technology through the provision of creative answers and working with others. I am interested in adding value to meaningful projects and advancing my career within a vibrant technology context where I can generate fresh concepts to handle difficult problems.

## PROJECTS

### 1. EnFauna – Integrated Wildlife Conservation Platform

Individual Final Year Project | Tools: React,TailwindCSS, Node.js, MongoDB, Firebase, PyTorch, Cloundinary

- Developed a mobile-first web app unifying wildlife awareness, incident reporting, and conservation fundraising in Sri Lanka.
- Built responsive frontend using React (Vite) and Tailwind CSS; implemented routing with React Router.
- Created RESTful APIs with Express.js and secured endpoints using Helmet.js.
- Integrated Firebase Auth (Email/Google OAuth) for secure user authentication.
- Designed MongoDB database schema with Mongoose to store reports, feedback, donations, and contest entries.
- Enabled photo uploads via Cloundinary and implemented dynamic dashboards for both users and admins.
- Led development of an AI model using PyTorch (ResNet18) to identify animal species from user-uploaded images, integrated via Python backend.
- Used Figma for UI/UX design, GitHub for version control.

### 2. Flixora - Cinema Booking System

Team Project | Tools: React (Vite), Tailwind CSS, Node.js, Express.js, MongoDB Atlas, Socket.IO, AWS S3, Docker, GitHub

- Developed frontend for both user and admin interfaces using React and Tailwind CSS.
- Designed UI/UX with Figma and implemented dynamic seat selection, booking flow, and media display.
- Integrated real-time features with Socket.IO for seat availability and booking updates.

### 3. Medsync – Medical Information Management System

Team Project | Tools: PyQt5, Firebase, OpenCV2, Pillow, PHP, Bootstrap 5.3

- Designed desktop app UI using PyQt5.
- Integrated QR code scanner with OpenCV2 and Pillow.
- Contributed to final report (abstract, specs, future work, appendix).
- Developed external website homepage with Bootstrap and PHP.

## LANGUAGES

- Sinhala (Fluent)
- English (Intermediate)

## SOFT SKILLS

- Communication
- Teamwork
- Problem-solving
- Adaptability
- Time Management
- Leadership
- Critical Thinking
- Emotional Intelligence

## REFERENCES

### Mrs.Nethmi Weerasingha

Lecturer Department of Computer and Data Science, Faculty of Computing, NSBM Greem University

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### Ms.Uduli Athukorala

Business Developer in Retail Media Network, Jay Kay Matketing, John Keells Holdings.

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[uduligandhara@gmail.com](mailto:uduligandhara@gmail.com)

## 4. VistaRoom – Web-Based Interior Design Visualizer

Team Project | Tools: React 18.3, React Three Fiber, Tailwind CSS, Firebase, Zustand, Figma

- Served as Project Lead and Coordinator: managed timelines, team tasks, and final report submissions.
- Developed 2D room layout designer using React and Tailwind CSS.
- Ensured cross-platform responsiveness

## 5. GreenStay – Student Accommodation Finder

Team Project | Tools: HTML, CSS, JS, PHP, MySQL, Google Maps API

- Managed Web Master interface.
- Handled MySQL database design and implementation.
- Created test cases to ensure system functionality.

## EXTRA CURRICULAR ACTIVITIES

- Western Province Band Competition: Senior Western Keyboard, 2nd place (2013)
- Inter School ICT Day Competition: Best Presentation, 1st place (2015)
- Member of ICT Community of Sri Rahula Balika Vidyalaya (2015–2017)
- Member of Science Students Society of Sri Rahula Balika Vidyalaya (2018–2020)
- Member of Media Unit at ESOF Metro College Battaramulla (2023)
- Successfully completed the Industry Preparation Training Program (IPT) Conducted by NSBM Green University Faculty Of Computing (2024)

## TECHNICAL SKILLS

HTML	<div><div></div></div>
CSS	<div><div></div></div>
JavaScript	<div><div></div></div>
C#	<div><div></div></div>
C	<div><div></div></div>
Figma	<div><div></div></div>
No SQL	<div><div></div></div>
SQL	<div><div></div></div>
Python	<div><div></div></div>
React	<div><div></div></div>
NodeJS	<div><div></div></div>
Tailwind CSS	<div><div></div></div>

## DECLARATION

I hereby declare that the information provided above is true, accurate, and complete to the best of my knowledge and belief.

  
Kasuni Abeynayake