



## CONTACT

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## EDUCATION

- 2022- 2025  
**University of Plymouth**
  - BSc (Hons) Computer Science
- 2020  
**Physical science stream**
  - Passed G.C.E. A/L
- 2017  
**English medium**
  - Passed G.C.E. O/L

## SKILLS

### PROFESSIONAL

- Frontend: React.js, HTML, CSS, Flutter (Dart), Python, JS
- UI/UX Design: Figma
- Backend & Databases: Firebase, MYSQL, Node.js,

### PERSONAL

- Leadership qualities
- Fast Learner
- Deadline-Oriented
- Team Collaboration

## LANGUAGES

- Sinhala (Native)
- English (Fluent)

## REFERENCE

### Mr. Gayan Perera

Lecturer – Computer Science  
NSBM Green University  
Email : gayan.perera@nsbm.ac.lk



## PROFILE

Innovative and detail-oriented Computer Science undergraduate with a strong foundation in full-stack development. Passionate about building efficient, user-friendly, and scalable web and mobile applications. Skilled in combining an intuitive frontend with a reliable backend to deliver complete digital solutions. Eager to contribute to impactful real-world work and grow within a collaborative, technology-driven environment.

## PROJECTS

### Motivo (Garage Management System)

- A mobile app built to manage garage tasks like service tracking, appointments, inventory, and feedback, replacing manual logbooks.
- My Contribution: Led the end-to-end design and development of the system.
- Technologies: Figma, Flutter (Dart), Firestore, Cloud Storage, Firebase

### Elephant Pulse (Wildlife Safety Platform)

- An IoT-based system that uses sensors and image processing to detect elephants near railway tracks in real time, aiming to reduce train collisions and protect wildlife.
- My Contribution: Worked on IoT integration and sensor handling.
- Technologies: Figma, Flutter (Dart), Python, OpenCV, Arduino, Firebase, GPS

### Purple Palace (3D Furniture E-Commerce Platform )

- An interactive e-commerce web platform that allows users to customize and visualize furniture placement in a virtual 3D room before purchasing.
- My Contribution: Assisted with frontend development.
- Technologies: Figma, React.js, Three.js, JavaScript, Usability testing

### Green Library (Library Management System)

- A system built to automate book reservations, user notifications, and overdue alerts for a university library.
- My Contribution: Developed the frontend.
- Technologies: Figma, C#, MySQL

### Stylora (Full-Stack E-Commerce Web App)

- A full-stack web application for browsing, purchasing, and managing fashion products with features like real-time chat, cart management, and secure login.
- My Contribution: Developed the frontend.
- Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Docker, GitHub

### Medic Aid (Medication Access Mobile App)

- A location-based mobile app developed to help users quickly access nearby pharmacies, available medicines, and blood donors with real-time updates.
- My Contribution: Developed the frontend.
- Technologies: Figma, Flutter (Dart), Firebase, Google Maps

### Green Events (University Event Ticketing)

- A web app for managing university event listings and real-time ticket updates.
- My Contribution: Assisted with the backend.
- Technologies: Figma, HTML, PHP, Firebase

### Green Pass (University Event Ticketing App)

- A mobile app for browsing events, purchasing tickets, and validating entry in real time.
- My Contribution: Assisted with the backend.
- Technologies: Figma, Flutter (Dart), Firebase

### Green Stay (Student Accommodation Portal)

- A web platform to help students search for and manage accommodation more efficiently.
- My Contribution: Developed the backend .
- Technologies: Figma, HTML, CSS, PHP, JavaScript, MySQL