

KOMUDI DHARA SENARACHCHI

BSc (Hons) Computer Science Undergraduate

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[Linkedin](#) | [GitHub](#) | [Portfolio](#)

PROFILE

Computer Science undergraduate specializing in UI/UX Design, Frontend Development, 2D/3D Design. Skilled in both technical and creative domains, with a strong focus on designing intuitive user experiences, interactive interfaces, and creating visually engaging Designs. Eager to apply my skills to real-world projects, explore emerging design technologies, and continuously grow as a developer and designer through learning and collaboration.

EDUCATION

Mahamaya Girls' College Kandy	2009 - 2023
Foundation Certificate Course University of Westminster	2023 - 2024
BSc.(Hons) Computer Science University of Westminster	2025 - present

SKILLS

Technical Skills	Soft Skills
• Java • React Native • Next.js	• Leadership • Time Management • Effective Communication
• HTML/CSS • JavaScript • Photoshop	• Teamwork • Problem Solving • Creativity
• Figma • Blender • Unity	

ACHIEVEMENTS AND CERTIFICATIONS

• Foundation Certificate from Informatics Institute of Technology	2024
• Engaged in Haxmas Code Golf Hackathon	2024
• Engaged in CodeRally Hackathon	2024
• Engaged in UoW Problem Solving International Hackathon	2025
• Engaged in ACES Hackathon by University of Peradeniya	2025
• Engaged in DevQuest Hackathon (Team leader)	2025
• Engaged in ModelX Hackathon	2025
• Engaged in Sherlock 3.0 Problem Solving Hackathon	2026
• Selected for the U.S. Delegation Visit - University of Oklahoma	2026
• Selected as a finalist for the IIT Hult Prize	2026

EXTRA CURRICULAR ACTIVITIES

- Graphic designer and 2D/3D Character designer
- Member of IEEE Student Branch and Computer Society IIT
- Member and Content Creator of the E-Sports club of IIT
- Member of Rotaract club of IIT
- Volunteered for IIT Hackathon Events
- Volunteered for IIT Cutting Edge (2024/2025)
- Volunteered for VisionEX 2026 SDGP for School Students Hackathon in Colombo and Galle

PROJECTS

SoterCare - Elderly Care Monitoring System (SDGP)

2025 - 2026

- Developed a mobile app interface and web dashboard using Figma, and implemented them using React Native for the mobile application and Next.js for the web front-end.
- Delivers real-time alerts, health insights, and daily health AI summary generation to caregivers.

Technologies used: **Figma, React Native, Next.js**

FEEDO Mobile App Interface

2025

- Developed a mobile app interface using Figma.
- Aimed to significantly reduce food waste and provide local farmers with affordable, nutritious feed, supporting SDG Goal 2 : Zero Hunger and Goal 12 : Responsible Consumption.

Technologies used: **Figma**

Personal Task Manager program

2025

- Developed a multi-stage Personal Task Manager.
- Featuring CRUD operations, file handling and JSON, and a Tkinter GUI for task viewing, searching, filtering, and sorting.

Technologies used: **Python, Tkinter, JSON**

Plane Tickets Management System

2024

- Created a Java-based console system to manage airplane seating.
- Allowed users to check seat availability, book, and cancel tickets, showcasing CRUD operations with arrays and control structures.

Technologies used: **Java**

Inner Nourish website

2025

- Developed Inner Nourish, a health and wellness website.
- Provide resources on mental health, disease prevention, nutrition, and fitness, aligned with UN SDG 3: Good Health and Well-being.

Technologies used: **HTML, CSS, JavaScript**

Interactive Game

2025

- Developed a story driven game prototype centered on a slime character completing quests in a village environment.
- Implemented basic interaction scripts, body physics and combat mechanics.

Technologies used: **Blender, Unity, C#**

2D/3D Design

2025

- Designed and developed a detailed 3D model using Blender and 2D characters using IbisPaint.
- Created the character model including sculpting, texturing, and basic rendering setup.

Technologies used: **Blender, IbisPaint**

REFERENCE

Mr. Roshan Chandraguptha

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