



Nethuli Liyanaarachchi

UNDERGRADUATE



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Nethuli Liyanaarachchi



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NethuliDulansa



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<https://NethuliDulansa.github.io/portfolio-nethuli-dulansa/>

ABOUT ME

An undergraduate passionate about hard work and building a successful career in software engineering. Always eager to learn new skills and expand my knowledge in the field.

EDUCATION

Bsc (Hons) Computer Science University of Westminster, London

• SEP 2023 - MAY 2027

- First Year Module Average - Computer System Fundamentals- 92%, Web Design and Development - 85% , Software Development I - 76% , Software Development II - 76% , Trends in Computer Science - 72%
- Second Year Module Average- Object Oriented Programming -75% , Database Systems -78% , Advanced Client-Side Development - 74% ,

Foundation Certificate of Higher Education Informatics Institute of Technology

• SEP 2022 - MAY 2023

GCE Ordinary Level Examination Visakha Vidyalaya, Colombo 05

• DEC 2021 (MAY 2022)

- 8A's and 1 B pass

CERTIFICATIONS

- ICET Certified Master Program
- Professional Certificate of Python Programming
- Professional Certificate of Java Programming

- July 2024 – March 2025 (Present)
- Informatics Institute of Technology Completed in - May , 2023
- Informatics Institute of Technology Completed in - November , 2023

SKILLS

Technical Skills- Java, MySQL, HTML, CSS ,JavaScript, Spring Boot ,React.js, Python

Soft Skills - Communication Skills , Presentation Skills , Leadership Skills, Project Management, Problem Solving

Languages - English , Sinhala

ACHIEVEMENTS

- Participated in Problem-Solving International Hackathon 2025
- Successfully completed G17 IIT Ambassador Theme Month Project
- Participated in SHERlock 2.0, an IEEE WIE treasure hunt enhancing problem-solving skills

TECHNICAL PROJECTS

Centralized Vehicle Management App | Informatics Institute of Technology - Present

- A comprehensive vehicle management app that enables users to monitor their cars efficiently. It includes OBD-II diagnostics, service booking, dashboard sign identification, and digital document storage, helping vehicle owners maintain their vehicles proactively.

Tech Stack: Frontend: React Native, Backend: Nest JS, Python, Database: MySQL, API: RESTful API,

Design & Version Control: Figma, Git

Git Hub Link: <https://github.com/Pavith19/CarCare-Project.git>

Website: <https://www.carcareplusplus.lk/>

Ticket Management System – CLI | Informatics Institute of Technology - 2024

- A command-line ticketing system that handles concurrent ticket releases and purchases using multi-threading and synchronization, ensuring smooth and secure transactions without a GUI.

Tech Stack: Java, Concurrency: Multi-threading, Producer-Consumer Pattern

Git Hub Link: <https://github.com/NethuliDulansa/-Ticket-Management-System-CLI-Java-.git>

Real-Time Event Ticketing System | Informatics Institute of Technology - 2024

- This project is a real-time event ticketing system designed to handle concurrent ticket releases and purchases using multi-threading and synchronization techniques.

Tech Stack : Backend: Spring Boot, Frontend: React.js, Concurrency Management: Multi-threading

Git Hub Link: <https://github.com/NethuliDulansa/Real-Time-Ticketing-System-Spring-Boot-and-React.git>

Estate Agent Client-Side Web Application | Informatics Institute of Technology - 2025

- A responsive web application that allows users to search for properties based on criteria such as type, price, bedrooms, date added, and postcode. It provides an interactive UI with features like property listing, search filtering, favorites management, and image galleries.

Tech Stack: React.js, UI Features: React UI components, media queries, drag-and-drop favorites list

Git Hub Link: <https://github.com/NethuliDulansa/Estate-App-React.git>

Personal Portfolio Website | 2025

- A React.js-based portfolio showcasing skills, projects, and a downloadable CV. Includes a contact form with email integration and social media links for professional networking.

Tech Stack: React.js, CSS Modules, Icons & UI: React Icons, clsx, Email Integration: EmailJS

Live Demo Link: <https://NethuliDulansa.github.io/portfolio-nethuli-dulansa/>

INTERNATIONAL EVENTS

7th Belt and Road Teenager Maker Camp & Teacher Workshop (5 -11 November 2023) – Chongqing, China

- Represented Sri Lanka at this prestigious international event organized by the Children and Youth Science Centre of CAST (CYSCC), Chongqing Association for Science and Technology (CQAST), and China Association of Children's Science Instructors.
- Awarded Best Presentation Certificate for an AI-themed practical group project.
- Engaged in academic and cultural exchange with participants from multiple countries.

VOLUNTEERING

- IEEE Global Member & Women in Engineering (WIE) Member.
- Volunteer at IEEE IIT
- G17 University Ambassador at IIT Sri Lanka.
- Treasurer, Astronomy Society of Visakha Vidyalaya (2023/2024)
- Member, Student Parliament of Visakha Vidyalaya (2018/2019)

REFERENCES

Isuru Wakishta Arachchi

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