

THARUSHA PERERA

Computer Science Undergraduate | Software Engineering - Intern

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PROFILE

I'm a dedicated Computer Science undergraduate and Software Engineer Intern with a strong focus on full-stack development and UI/UX design. With hands-on experience in building both mobile and web applications, I thrive in collaborative environments bringing together technical skills and creative thinking to develop user-centric, reliable solutions that make a real-world impact.

KEY COMPETENCIES

Known for a self motivated attitude that enhance collaboration and project success.

Proficient in managing the entire software development process from requirements to deployment.

Skilled at analyzing user needs and designing optimized solutions tailored for all platforms.

EDUCATION

BSc (Hons) Computer Science Undergraduate

2022 - 2025

UNIVERSITY OF PLYMOUTH - NSBM GREEN UNIVERSITY

This course covers a diverse array of topics, including Full-Stack Development, Artificial Intelligence and Machine Learning, Data Structures and Algorithms, Advanced Databases, Software Development Concepts, Design Patterns, Software Quality Assurance, HCI, Computer Graphics, Visualization, Mobile Application Development, Statistics, and etc.

G.C.E Advance Level (Physical Stream)

2021

Dharmaraja College - Kandy

TECHNICAL SKILLS

Programming Languages

Dart, JavaScript

Frameworks and Libraries

Flutter, React, Express

Backend & Database Technologies:

Firebase

Version Control Git, GitHub

Design and Prototyping Figma

SOFT SKILLS

- Adaptability and Willingness to learn
- Time management
- Attention to Detail
- Critical thinking/Problem Solving
- Communication skills & Collaboration
- Creative Thinking & Innovation

EXPERIENCE

Software Engineering Intern

I O N Groups Pvt Ltd – Colombo, Sri Lanka

Dec 2024 – May 2025

Actively involved in the full software development life cycle (SDLC), developing clean, testable code and integrating components into functional systems. Responsibilities include creating flowcharts, writing technical documentation, and troubleshooting existing applications to ensure smooth operation. Key tasks involve designing and developing advanced mobile applications for both iOS and Android, collaborating with cross-functional teams to implement features, and maintaining high software quality through thorough testing and validation processes.

PROJECTS

Comprehensive Healthcare Management Platform ([MediLink](#))

2024 (In-progress)

Role: Frontend and Backend developer

Developed a digital healthcare ecosystem (MediLink) as my final year university project to connect patients, doctors, hospitals, and administrators through a unified platform. Includes AI lab report processing, medical data management, appointment scheduling, and real-time communication via a mobile app and two web dashboards.

Flutter, Dart, Firebase, React.js, Node.js, Express.js, Tailwind CSS, Google Document AI, Python, APIs, Figma

Emergency Ambulance and Hospital Communication System ([RescueMed](#))

2024 (In-progress)

Role: Frontend and Backend developer

Developed an emergency ambulance and hospital communication system (RescueMed) to streamline real-time communication between hospitals and ambulances during emergencies. Including mobile application and two web dashboards.

Flutter, Dart, Firebase, React.js, Node.js, Express.js, Tailwind CSS, APIs, Figma

Fitness Center Management System ([Focus Fitness](#))

2024 (In-progress)

Role: Front-end developer

Developed a mobile app for creating personalized workout routines, tracking fitness progress, and accessing exercise demos and tips to help users achieve their fitness goals.

Flutter, Dart, Firebase (for backend), Figma

CERTIFICATIONS

Web-APIs

NASBA | Sep 2024 ([Show credential](#))

Git Essential Training

LinkedIn | Aug 2024 ([Show credential](#))

React

LinkedIn | Sep 2024 ([Show credential](#))

Agile Software Development

LinkedIn | July 2024 ([Show credential](#))

ACHIVEMENTS

- **1st Runner Up - GreenEXE 2.0 Development Competition**
1st Runner up - (RescueMed)
Finalist - (Focus Fitness)
organized by student circle of Software Engineering - NSBM
- **1st Runner Up - Madfest 24' Mobile Application Development Competition**
1st Runner up - (Focus Fitness)
organized by student circle of Software Engineering - NSBM
- **Competitor- NBQSA National ICT Awards**
Sri Lankan section of the BCS The Chartered Institute for IT.

REFERENCES

Mr. Diluka Wijesinghe

*Lecturer (Temporary) - Department of
Software Engineering and Information
Systems Faculty of Computing NSBM
Green University
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Mrs. Hirushi Dilpriya Thilakarathna

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Data Science Faculty of Computing
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