THARUSHA PERERA

Computer Science Undergraduate | Software Engineering - Intern

Tel: (+94) 776764376   **Email:** tharushapererawork@gmail.com   **LinkedIn:** Tharusha Perera
GitHub: Tharusha Perera   **Portfolio:** tharusha-dev

PROFILE

I'm a dedicated Computer Science undergraduate and former 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
HTML, CSS, Dart, JavaScript, TypeScript

Frameworks and Libraries
React.js, Next.js, Flutter

Backend & Database Technologies:
Node.js, Express.js, Firebase, REST APIs

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
diluka.w@nsbm.ac.lk

Mrs. Hirushi Dilpriya Thilakarathna
Lecturer - Department of Computer and Data Science Faculty of Computing NSBM Green University
hirushi.d@nsbm.ac.lk