



# SANDUNI FERNANDO

SOFTWARE ENGINEERING UNDERGRADUATE

## CONTACT

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## EDUCATION

2023 - Present

### THE OPEN UNIVERSITY OF SRI LANKA

- Bachelor of Software Engineering (Honours) - Undergraduate

2014 - 2022

### ANULA VIDYALAYA, NUGEGODA

- G.C.E. A/L - 2022  
1C, 2S passes  
(Physical Science Stream)
- G.C.E. O/L - 2019  
9 A passes

## SOFT SKILLS

- Leadership
- Effective Communication
- Problem Solving
- Analytical Thinking
- Team Collaboration
- Time Management
- Willingness to Learn

## PROFESSIONAL SUMMARY

Motivated undergraduate Software Engineering student seeking a Software Engineering internship. Strong foundation in programming and web technologies, with hands-on experience in learning management systems and collaborative project work. Eager to apply technical skills and contribute to real-world software solutions.

## TECHNICAL SKILLS

- Programming: Python, Java, C
- Web Technologies: HTML, CSS, JavaScript, React Native, MERN (Basic)
- Databases: MySQL, MongoDB
- Framework: CodeIgniter
- Tools & Platforms: Moodle, Git, GitHub, Visual Studio, VS Code, Figma
- Concepts: OOP, Basic Data Structures & Algorithms, SDLC
- AI & ML: Data Preprocessing, Predictive Modeling, Data Analysis
- OS: Windows, Linux (basic)

## WORK EXPERIENCE

March 2024 - August 2024

### Lanka Education and Research Network (LEARN) University of Peradeniya

Intern - Content Creation & Teaching Assistant (Remote)

- Created and managed educational content for the Moodle Learning Management System
- Assisted lecturers and researchers in academic and technical tasks
- Supported students by resolving content-related and platform-based issues
- Collaborated with team members to improve course material quality
- Contributed to the expansion and enhancement of course content related to Free and Open-Source Software and Linux.

## CERTIFICATES

November 2025

**STAY AHEAD OF THE AI CURVE**  
Google

June 2025

**INTRO TO MACHINE LEARNING**  
Kaggle

January 2025

**NETWORKING ESSENTIALS**  
Cisco Networking Academy

2025

**CODELESS TEST AUTOMATION  
PATH**

Online Learning Program  
Test Automation University

2023

**ONLINE LEARNING PROGRAM  
(CERTIFICATE COURSE)**

Centre for Open and Distance  
Learning (CODL) - University of  
Moratuwa

## VOLUNTEERING

2024 - Present

- Member - Software Engineering  
Society (SESoc) - OUSL

2024 - Present

- Member - FOSS & Linux  
Education Community  
(EduNet.lk) - Sri Lanka

2025 - Present

- Teacher - Dhamma School  
Wangeesa Dhamma School  
Piliyandala

## LANGUAGES

- English
- Sinhala

## REFERENCES

Professional references available  
upon request

## PROJECTS & ACADEMIC WORKS

### Smart O/L ICT (Full-Stack Group Project)

2025 - Present

Tech stack: React, Node.js, Express, MongoDB, JWT, Bootstrap

- Built a React and Node.js based gamified e-learning platform with role-based authentication, quizzes, leaderboards, progress tracking, and RESTful APIs using MongoDB.

### Personal Portfolio Website

January 2026

Tech stack: React, Tailwind CSS

- Developed a responsive personal portfolio website with interactive sections, animations, and optimized performance to showcase projects and technical skills.

### University Management System

January 2026

Tech stack: Java, Hibernate, Maven, MySQL

- Developed a console-based system for managing student and course records with CRUD operations and secure data handling.

### Hospital Management System(SQL)

December 2025

- Built views, triggers, procedures, and functions for patient, medication, and staff data management, including automated inventory updates and XML data import.

### GN QuickCheck (Group Mini Project)

October 2025

Tech stack: Figma, UX/HCI Methods

- Designed a digital platform to improve accessibility, transparency, and efficiency of Grama Niladhari services through real-time availability and document guidance.

### Citizen Complaint Management System (CCMS)

July 2025

Software Requirements & System Design Project

- Authored an IEEE-standard SRS for a citizen complaint management system with secure authentication and role-based workflows.

### Data Analysis & Programming Lab (Python)

June 2025

Tech stack: Jupyter Notebook, Pandas, NumPy, Matplotlib

- Performed data analysis, data cleaning, visualization, and problem-solving through structured programming exercises to derive meaningful insights.

### Amazing Colombo & Visit Colombo

June 2025

Software Testing & QA Documentation Project

- Developed QA test plans and manual test cases; performed load, performance, and stress testing using Apache JMeter.