



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.