



Durangi Sudasingha

Software Engineering (Undergraduate)

CONTACT

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SOFT SKILLS

- Strong willingness to learn
- Good communication skills
- Teamwork and collaboration
- Problem-solving ability
- Time management
- Adaptability
- Presentation Skills

TECHNICAL SKILLS

- Programming Language : Python, Java , C , PHP
- Web Technologies : HTML, CSS, JavaScript, React Native, MERN (Basic)
- Databases : MySQL, MongoDB
- Tools & Platforms : Git, GitHub, VS Code, Figma, Visual Studio
- Framework : CodeIgniter
- AI & Machine Learning : Data preprocessing, predictive modeling (Scikit-learn), data analysis (Pandas, NumPy)
- Concepts : OOP, Data Structures and Algorithms

PROFESSIONAL SUMMARY

Software Engineering undergraduate currently pursuing a Bachelor of Software Engineering at The Open University of Sri Lanka, seeking a software engineering internship to gain practical industry experience and develop skills to become a competent and well-regarded software professional.

EDUCATION

- **Bachelor of Software Engineering**
The Open University of Sri Lanka - 2024 (Present)
- **Diploma in Information Technology**
Esoft Metro Campus - Piliyandala - 2023 - 2024
- **Diploma in English**
Esoft Metro Campus - Piliyandala - 2023 - 2024
- **G.C.E. A/L Examination**
Physical Science Stream - 3 S Passes
Anula Vidyalaya - Nugegoda - 2022
- **G.C.E. O/L Examination - 9A Passes**
Anula Vidyalaya - Nugegoda - 2019
- **Certification Course in Information Technology**
Ranaviru Information Technology Training Institute - 2017

LANGUAGE

- English
- Sinhala

CERTIFICATES & WORKSHOP

Certificates :

- Google AI Essentials (5 Courses - Introduction to AI, Maximize Productivity With AI Tools, Discover the Art of Prompting, Use AI Responsibly, Stay Ahead of the AI Curve)- Google
- Intro To Machine Learning, Intro To Programming – Kaggle
- Web Design for Beginners , Python for Beginners - University of Moratuwa (Open Distance Learning)
- API Test Automation with Postman, Codeless Test Automation with Selenium IDE, Web Element Locator Strategies, Setting a Foundation for Successful Test Automation – Test Automation University(online learning program)

Workshops :

- Introduction to Machine Learning Workshop(2025)
- Full-Stack Bootcamp(React + Mock) Workshop(2025)
- Cloud-Native Development and Ballerina Workshop(2025)

REFERENCES

S.A.Hasitha Piumali

SLTS Teacher
WP/Ho/Bope Rajasinghe M.V

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S.A.Buddhika Sandamali

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PROJECTS AND ACADEMIC WORKS

- Gamified E-Learning Platform for O/L ICT Students-Group Project(2025-Ongoing)

Developed a full-stack web application that provides interactive lessons, quizzes, progress tracking, and role-based access to enhance student engagement and learning outcomes.

Technologies: React, Node.js, Express.js, MongoDB

- Personal Portfolio Website (January 2026)

A personal portfolio website built with React.js to showcase my skills, projects, and contact information.

Technologies: React, CSS

- Labs - Student Assessment Analysis, Phone Price Predictor & Heart Failure Prediction(June 2025)

Developed and evaluated machine learning models for student performance analysis, phone price prediction, and heart failure risk assessment using data preprocessing, feature engineering, and visualization techniques.

Technologies: Machine Learning, Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook

- Hospital Database Management System (December 2025)

Technologies: MySQL, ER Diagrams

- A Mindful Grama Niladhari Digital Platform-Group Mini Project (October 2025)

Designed a digital platform prototype to check Grama Niladhari availability, conducting UX research and enhancing usability through team collaboration.

Technologies: Figma, Prototyping, Group Project Collaboration

- JMeter Test Report (June 2025)

Load & Performance Testing

Technologies: Apache JMeter, HTTP/HTTPS Protocol

- University Management System (January 2026)

Manage student, GPA, and degree records with CRUD operations, relational mapping, and transaction-safe database queries.

Technologies: Java, Hibernate, Maven, MySQL, OOP

- Smart Parental Controls – Smart Parenting and Family Management App (July 2025)

Created an IEEE-standard Software Requirements Specification (SRS)

- Eco-Peace - Web Site (2024)

Technologies: HTML5, CSS, JavaScript

- The Banking System (2024)

Technologies: Python

EXTRA-CURRICULAR ACTIVITIES

- Volunteer, SESoc – Software Engineering Society of OUSL 2024 (Present)