

SENALI VITHARANAGE

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ABOUT ME

Analytical and detail oriented graduate with a BSc in Physical Science and a Diploma in Software Engineering. Experienced in business analysis and process improvement through internships, with hands on expertise in requirement gathering, SRS preparation, documentation, data analysis, and report generation. Strong problem solving, analytical, and communication skills, with the ability to collaborate effectively in cross functional teams. Quick to learn new concepts and committed to delivering high quality results while continuously developing professionally.

WORK EXPERIENCE

Process Improvement Intern

MAS Holdings (Pvt) Ltd
(June 2025 – December 2025)

- Managed sample handling and issued production line plans.
- Prepared Article Description documents including BOMs, operation breakdowns, and measurement charts.
- Generated sub assembly efficiency and RFT reports to support quality improvement.
- Coordinated with production, planning, and quality teams.
- Led a plant wide barcode implementation project, assigning unique codes to all tabs to improve tracking accuracy, data updates, and cross department visibility.

Business Analyst Intern

Generation ALPHA (Pvt) Ltd
(November 2024 – May 2025)

- Led requirement gathering and business analysis for the mentorship platform.
- Developed comprehensive Software Requirements Specifications (SRS) to guide development.
- Translated business needs into clear functional and technical requirements.
- Collaborated with cross-functional teams to ensure stakeholder alignment.
- Conducted QA testing to validate system functionality and identify defects.
- Documented and reported bugs to improve system performance and accuracy.
- Supported documentation, analysis, and testing to ensure timely project delivery.

ENTREPRENEURIAL EXPERIENCE

Owner & Content Creator – The Lavender (Handmade Business)

(2025 – Present)

- Manage a small business specializing in handmade crochet products
- Create and publish content for social media platforms (Facebook, Instagram)
- Develop captions, hashtags, and visual content to increase engagement
- Handle customer inquiries, order coordination, and client communication
- Apply basic digital marketing strategies to promote products and grow reach

PROJECT EXPERIENCE

Generation Alpha Mentorship Platform

Nov 2024 – May 2025
Business Analysis | QA | Documentation | UI Sketching

- Gathered and analyzed user requirements for a mentorship and learning platform.
- Created detailed Software Requirements Specifications (SRS).
- Designed wireframes and sketch frames to support UI/UX planning.
- Conducted QA testing to validate features and ensure product quality.
- Collaborated with cross-functional teams to support successful delivery.

Web Application – Ashok Caters and Restaurant

June 2022 – Dec 2022

Technologies: HTML, CSS, JavaScript, PHP

- Developed a web-based system to automate order processing, reducing fulfillment time by 40%.
- Prepared the full project proposal and technical documentation.
- Designed ER diagrams and Class diagrams to model system structure and database relationships.
- Documented system workflows and functional requirements to support future maintenance.

Rabindranath Tagore Auditorium Booking System

Jan 2024 – Nov 2024

Technologies: React.js, Spring Boot, MySQL

- Developed a responsive web application to manage auditorium reservations.
- Enabled users to check availability and complete bookings through an intuitive interface.
- Prepared the full project proposal outlining system scope, objectives, and functional requirements.
- Designed Use Case diagrams to model system interactions and user roles.

EDUCATION

Bachelor of Science (BSc) in Physical Science(GPA: 2.46)

University Of Ruhuna | 2021 - 2024

- Main subjects - Mathematics, Applied Mathematics, Computer Science
- Relevant Modules: Internet Programming and Web Technologies ,File Organization and DBMS , Object Oriented System Development , Operating Systems, Mathematical Statistics

Diploma In Software Engineering(GPA: 3.31)

National Institute of Business Management | 2020 - 2021

- Relevant Modules: Object-Oriented Programming, Database Management Systems, Computer Architecture & Networks, GUI Development, Web Application Development

Diploma in Digital Marketing (Ongoing)

Starting April 2026

G.C.E. Advanced Level (A/L) in math stream

Taxila Central College | 2019

VOLUNTEER EXPERIENCE

Toastmasters International | 2025 – Present

- Conducted public speeches and evaluations to enhance communication skills.
- Helped organize club meetings and events to promote public speaking growth.

Digi Aurudu Organizing Committee Member | April 2025

- Contributed to organizing Sri Lanka's digital New Year event.
- Assisted in planning virtual competitions and social media promotions.

SKILLS

Business Analysis: Requirement Gathering, SRS, Use Case Modelling, Process Flows

Tools: Microsoft Excel, Figma, draw io ,Trello

Soft Skills: Communication, Public Speaking, Team Collaboration, Problem Solving

Marketing:Social Media Management,Content Creation,Caption Writing & Hashtag Strategy,Customer Engagement

REFERENCE

Kusal Dissanayake

Manager - Plant Lean Enterprise
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Miuli Kalubowila

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