

Nirukshiya Loganathan

Intern – Quality Assurance Engineer

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PERSONAL PROFILE

Third-year Information Systems undergraduate seeking a QA internship. Strong foundation in SDLC, STLC, and software testing Methodologies. Skilled in designing test cases, manual testing, and currently learning automation. Passionate about ensuring software quality And eager to grow as a future QA Engineer.

PROJECTS

- BusHub-LK / React, ReactNative, Tailwind, Node, JWT, PostegreSQL

Ongoing

 - Digital platform designed to improve and modernize public transport services provided by the Sri Lanka Transport Board. Connects passengers, drivers, and all levels of SLTB management. For management, the system includes a mobile based system along with the web based system that can be used by depot level Officials, regional officials, and head office staff.
 - I am contributing to both **frontend** and **backend** of the web app technical side admins. Preparing **test cases** and conducting **Manual testing** to ensure proper functionality across different user roles and modules.
 - GitHub repo link: [Link](#)
- Chatbot Automation Testing / Java, Selenium Web Driver, Chrome Driver, Maven, TestNG

August, 2025

 - Developed automation scripts using Selenium + Java to validate chatbot responses. This is a **mini learning project** to gain hands-on experience in automation testing.
 - GitHub repo link: [Link](#)
- WorkAid / PHP, HTML, CSS, Js, MySQL

July 2024-May 2025

 - **Web-based, mobile-responsive service management platform** designed to streamline client and worker interactions for service bookings. Connects **clients, workers, and admin/finance staff** to manage services, payments, and schedules efficiently.
 - Designed and executed test cases, documented bugs, and conducted manual testing across modules.
 - GitHub repo link: [Link](#)
- Moonlit-Devs (Library Management System) | Java, JDBC, MySQL, JUnit 5, Mockito, Maven

August 2025

 - A Java-based desktop application for managing library operations, including user registration, book cataloging, borrowing, And returns.
 - I implemented a robust **DAO layer** with unit testing using **JUnit 5** to ensure reliability and maintainability.
 - GitHub repo link: [Link](#)
- Calculator Automation Testing / Typescript, Playwright, Node.js, NPM, Playwright Test Runner

August, 2025

 - Automated functional test cases for a demo online calculator, validating core operations (addition, subtraction, multiplication, division) across multiple browsers. This is a **mini learning project** to gain hands-on experience in Playwright tool.
 - GitHub repo link: [Link](#)

EDUCATION

- University of Colombo School of Computing

Jun. 2026

Bachelor of Science in Information Systems

Colombo, LK

 - GPA: 3.28/4.0

VOLUNTEER EXPERIENCE

- IEEE WIE Student Branch Affinity Group Of UCSC – Member - Design Team

Jan. 2024 – Jun. 2025
- Rotaract Club of UCSC – Member – Community Services Avenue

Jan. 2024 – Jun. 2025

CERTIFICATIONS, SKILLS, TECHNOLOGIES, TOOLS, LANGUAGES & INTERESTS

- **Certifications:**

[Software Testing Foundation: Testing Preparation;](#)

[Postman API Test Path;](#)

[Programming Foundations: Software Testing/QA;](#)

[Java-Hacker rank;](#)

[Angular- Solo learn;](#)

[JavaScript-solo learn;](#)

[Amazon Web Services: AWS Cloud Essential Practitioner;](#)

[Azure security concepts;](#)

[Azure Data Fundamentals;](#)

- **Skills**

QA Skills: Manual Testing; Test case design; Bug Reporting; Postman API Testing; Agile; Automation Testing(learning)

Technical Skills & Tools:

- ❖ **Programming & scripting:** Java, PHP, C, JavaScript
- ❖ **QA & Dev Tools:** Postman API, Jira, Selenium(learning),Junit(learning),Playwright(learning) Github, Trello
- ❖ **Frontend:** HTML, CSS, React JS, React Native, Tailwind CSS
- ❖ **Databases:** MySQL, PostgreSQL
- ❖ **Design & IDEs:** Figma, IntelliJ, VS code

Soft Skills: Good Communication; Collaboration; Problem-solving and critical thinking; Teamwork; Decision-Making; Documentation; Time management; analytical

- **Languages:** Tamil: Native; English: Fluent; Sinhala: Beginner

- **Interests:** Blogging - [Medium](#) ; Designing; Manual Testing; Automation Testing(learning);

REFERENCES

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