

Nadun Weerakoon

Quality Assurance Engineer Intern

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🌐 Nadun Weerakoon

👤 Nadun Thilina

🏠 Colombo , Sri Lanka

SUMMARY

IT undergraduate specializing in Software Quality Assurance and Full-Stack Development. Skilled in manual and automated testing, API validation and defect tracking. Experienced in ensuring software reliability through testing in real-world academic and project environments. Seeking a QA internship to apply technical, analytical and problem-solving skills in delivering high-quality software solutions.

EDUCATION

Sabaragamuwa University of Sri Lanka

Belihuloya , LK

Bachelor of Science (Honors) in Computing and Information System

Aug 2023 -Present

Current GPA : 3.40

G.C.E. Advanced Level Examination , Physical science Stream

2018- 2020

Badulla Central College

EXPERIENCE

FBC Asia Pacific Lanka (Pvt) Ltd

Badulla, LK

Call Centre Agent

Jul 2022 - Apr 2023

- Provided 24/7 global customer support, strengthened communication, CRM and problem-solving skills.

SKILLS

Skills: Manual Testing, Test Case Writing, Regression Testing, API Testing (Postman), Selenium (basic), SQL for Data Validation ,Agile/Scrum, Jira, Git, GitHub, Figma

Soft Skills: Attention to Detail, Analytical Thinking, Communication, Teamwork, Problem-Solving Adaptability, Time Management

ACHIEVEMENTS

Semi-Finalist – BIZMINDS 2024

(Inter-University Business Plan Competition, 2024)

Team Member – InnoBrand

Top 10 – INSL Sabaragamuwa Provincial Competition 2024

Team Member -BreastGuard

PROJECTS

SkillSync 📄

AI Powered Career & Skill Matching Platform (Individual Project)

Aug 2025 - ongoing

Tech Stack: React (Vite), TailwindCSS, Node.js, Express.js, MongoDB, Flask (Python NLP), JWT, REST APIs

- Designed and executed test cases for authentication workflows and skill-matching features.
- Validated REST APIs with Postman and assisted in debugging frontend–backend integrations.

BreastGuard

AI Powered Breast Cancer Detection Web App (Individual Project)

June 2025 – July 2025

Tech Stack: React (Vite), Node.js (Express), MongoDB (Mongoose), JWT, Python (Flask), TensorFlow/Keras

- Created functional test cases for ML prediction flows, report generation and history tracking.
- Verified model accuracy results and ensured secure workflow handling across services.

DengueGuard

Enhanced Patient Management and Monitoring System (Group)

Mar 2025 – July 2025

- Contributed to testing login, signup and staff registration modules in Agile sprints.
- Validated role-based access control and performed functional/negative testing for user management.

HealLink

Web-based Caretaker Scheduling & Patient Support Platform(Group)

June 2025 - ongoing

- Led a 6-member team and planned QA strategy, including functional test cases, workflow validation, and future automation testing.
- Verified role-based access, data accuracy and system reliability across admin, caretaker and patient interfaces.

VOLUNTEER

Volunteer – STEMUP Educational Foundation

Feb 2025 – Present

Logistics Team Leader – IEEE Inspire Volunteer Awareness Session 2025

May 2025

LICENSES AND CERTIFICATIONS

Postman API Fundamentals Student Expert

Postman (2025)

Validated knowledge of API fundamentals, including HTTP methods, collections, authentication and testing with Postman.

Introduction to JIRA

Simplilearn(2024)

Completed foundational training in Jira, covering issue tracking, project management, Agile workflows and bug reporting for software development teams

Introduction to Software Quality Assurance

(UOM)(2025)

Gained understanding of QA fundamentals, including software testing methods, test planning and defect tracking

Introduction to Selenium

(2025)

Learned basics of Selenium for web application testing and automation.

REFERENCES

Prof. B.T.G.S. Kumara

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Sabaragamuwa University of Sri Lanka.
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