



# NAVINI RUBASINGHE

Software Quality Assurance Engineer - Intern

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Navi20021234 Portfolio Matara, Southern Province, Sri Lanka.

## SUMMARY

Motivated and detail-oriented undergraduate in Computing at Sabaragamuwa University of Sri Lanka, with a strong interest in Software Quality Assurance. Solid understanding of manual testing concepts, including test planning, test case preparation, functional testing, regression testing, and defect lifecycle management. Skilled in analyzing requirements, creating traceability matrices, and collaborating with development teams to ensure full test coverage. Familiar with automation and API testing tools such as Selenium, TestNG, Postman, and JMeter, with growing knowledge of scripting in Java. Quick learner with excellent documentation and communication skills, committed to delivering high-quality results and continuously improving through modern QA practices and emerging testing trends.

## EDUCATION

Present	<b>BSc (Hons) in Computing and Information Systems</b> Sabaragamuwa University of Sri Lanka Current GPA - 3.43
03/2022 – 06/2022	<b>Diploma In English</b> British Way English Academy
07/2022 – 07/2023	<b>IT Technician - NVQ Level 4</b> Vocational Training Authority of Sri Lanka
2013 – 2021	<b>GCE A/L &amp; O/L Examinations</b> B,B,C - Physical Science Stream   A9

## PROJECTS

Present	<b>Test Automation Practice Demo Site</b> Individual Project <ul style="list-style-type: none"><li>• Role: QA Automation Engineer</li><li>• Background: Developed a scalable Selenium Page Object Model (POM) automation framework with reusable page classes, centralized locators, and clean test scripts. Automated key workflows of the Guru99 Demo Tour site—including login, navigation, and form validations—while improving test readability, maintainability, and reliability.</li></ul> Tech Stack: Java, Selenium WebDriver, TestNG, Maven, Git, IntelliJ IDEA, Chrome
10/2025	<b>Automated Web Testing</b> LeafGround Demo Site (Individual) <ul style="list-style-type: none"><li>• Role: QA Automation Engineer</li><li>• Background: Developed and executed automated tests to validate forms, alerts, windows, tables, and input fields with integrated assertions, reporting, and logging.</li></ul> Tech Stack: Java, Selenium WebDriver, TestNG, Maven, Git, IntelliJ IDEA, Chrome
10/2025	<b>Beauty Cosmetics Ordering Web Application</b> (Individual Project) <ul style="list-style-type: none"><li>• Role: Full-stack Developer</li><li>• Background: Built a responsive e-commerce platform with secure payment integration, admin panel, and API testing for reliable functionality.</li></ul> Tech Stack: React.js + Vite + Tailwind CSS, Node.js + Express.js, MongoDB, Postman, Selenium
09/2025	<b>IoT-Based Smart Waste Management System</b> University Capstone Project (Group). <ul style="list-style-type: none"><li>• Role: Frontend Developer   System Integration</li><li>• Background: Created an IoT-powered platform for real-time bin monitoring and AI-driven waste collection route optimization.</li></ul>

Tech Stack: Figma, React.js + Vite + Tailwind CSS, Node.js + Express.js, MongoDB, MQTT / HTTP REST APIs

10/2025

### Farm Management System

University Web Project (Group)

- Role: Full-stack Developer
- Background: Developed a comprehensive system for animal tracking, feed management, production, sales, and health monitoring through collaborative frontend and backend development.

Tech Stack: Figma, Laravel, MongoDB

05/2024

### Harvest-Xpert

University Web project (Group)

- Role: Frontend Developer
- Background: Built a digital marketplace enabling farmers and traders to communicate and trade crops efficiently with an optimized, responsive UI.

Tech Stack: HTML, CSS, Tailwind CSS, JavaScript, MySQL, Git

## TECHNICAL SKILLS

### Programming Languages

Java, JavaScript, C, HTML, CSS

### Databases

MongoDB, MySQL

### Libraries

React, Tailwind CSS

### Tools & Frameworks

Flutter, Laravel, Express.js, JUnit, Postman, Selenium, TestNG, Jira, JMeter, Cypress

### Other

Figma, Microsoft Excel, Git, Google Sheet, Looker Studio

## SOFT SKILLS

- Adaptability
- Leadership

- Problem Solving
- Time Management

- Communication
- Teamwork

## VOLUNTEERING

### Volunteer Coordinator

IEEE Student Branch SUSL 25/26  
Executive Committee

### National Project Student Branch Coordinator

IEEE Student Branch SUSL

### Vice Chairperson

IEEE WIE Affinity Group - Pearlhackv3.0

### Knowledge Team Leader

IEEE WIE Affinity Group - Hope v2.0

### Volunteer - Content Writing Team

IEEE SB SUSL 24/25

### Technical Volunteer

IEEE CS Chapter

## CERTIFICATES

### Intro. to Software Quality Assurance

(University of Moratuwa)

### API Testing Path

(Postman Academy)

### Automation Testing Basics

(Simplilearn)

### Web Design for Beginners

(University of Moratuwa )

### Intro. to Cybersecurity

(cisco Networking Academy)

### Generative AI Practice

(Sololearn)

### Introduction to Selenium

(Simplilearn)

### Introduction to Jira

(Simplilearn)

### Python for Beginners

(University of Moratuwa )

## ACHIEVEMENTS

09/2025

### Volunteer of the Month

IEEE Student Branch SUSL

## REFERENCES

**Mrs. RMKK Wijerathna**, Lecturer (Probationary),

Dep. of Computing & Information Systems, Faculty of Computing, Sabaragamuwa University of Sri Lanka  
Email: kwijerathna@foc.sab.ac.lk, Phone No: +94787233899

**Prof. B.T.G.S. Kumara**, Professor in Computer Science, Faculty of Computing, Sabaragamuwa University of Sri Lanka.

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