

DALUGODAGE MADUKA SEWWANDI

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PROFILE

Detail-oriented IT undergraduate with hands-on experience in manual testing, bug tracking, and basic Selenium automation. Skilled in writing and executing test cases, using JIRA for defect tracking, and performing API testing with Postman. Passionate about ensuring software quality and eager to gain practical QA experience through an internship.

EDUCATION

University of Colombo — Bachelor of Information & Communication Technology (Honours)
Expected Graduation: 2027
GPA: 3.2 / 4.0

Mahinda Rajapaksha College, Matara — G.C.E. Advanced Level
2020–2022
SFT (A), ET (B), ICT (B) | Z-Score: 2.2268

PROJECTS

- Bug Tracker App** (React.js, Node.js, MongoDB) Sept 2025
• Developed a web-based application for efficient software defect management with bug reporting, editing, and tracking.
• Conducted manual testing with detailed test plans, test cases, and bug reports.
• Performed API testing with Postman and UI automation testing with Selenium.
- React To-Do List App** (React, Vite) Aug 2025
• Built a responsive task management app for adding, editing, and deleting tasks with a user-friendly interface.
• Designed and executed manual and Selenium automation test scenarios.
• Created QA documentation and published it on GitHub.
- FOT CONNECT Mobile News App** (Android Studio, Java, Firebase) Jul 2025
• Developed a native app for students and staff to access categorized university updates.
• Used Firebase Realtime Database for data storage and synchronization.
• Conducted manual testing and created QA documentation.
- Inventory Management System** (React.js, MongoDB) Dec 2024
• Developed a web system for resource tracking and repair alerts.
• Performed manual, integration, and Selenium testing.
• Verified APIs using Postman and maintained QA documentation.
- Library Management System** (PHP, MySQL, HTML, CSS) Apr 2024
• Created modules for authentication, book registration, and resource viewing.
• Conducted manual and Selenium testing to validate UI and workflows.
• Documented test plans, test cases, and bug reports in GitHub.

CERTIFICATIONS & BADGES

- Professional Diploma in Software Testing & Quality Assurance (Udemy)
- Introduction to Software Quality Assurance (University of Moratuwa)
- Postman API Fundamentals Student Expert (Postman)
- API Testing Path (Postman)

- Introduction to Selenium (Simplilearn)
- Introduction to JIRA (Simplilearn)
- Professional Diploma in Agile & Scrum (Udemy)
- Agile Project Management (University of Moratuwa)
- AWS Academy Cloud Foundations (Amazon Web Services)

TECHNICAL SKILLS

- **QA Methodologies** : ISTQB Foundation Level knowledge, SDLC, STLC, Test Planning, Test Case Design, Defect Tracking.
- **QA Tools & Automation** : JIRA, Postman, Selenium (Python).
- **Project Management** : Agile, Waterfall.
- **Programming** : Python, C, Java, JavaScript.
- **Web & Database** : HTML, CSS, React.js, Node.js, PHP, MySQL, MongoDB.
- **Tools & Platforms** : GitHub, Firebase, Android Studio.

SOFT SKILLS

- Attention to Detail
- Leadership
- Teamwork
- Time Management
- Problem Solving

COMMUNITY AND LEADERSHIP

- Member, INTSEC Club, University of Colombo (2023–Present)
- Member, Buddhist Society, University of Colombo (2023–Present)

LANGUAGES

English, Sinhala

REFERENCES

Dr. Rohan Samarasinghe

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