



RISINI METHMINI

Quality Assurance Engineer

CONTACT DETAILS

+94 70 348 5261
risinimethmini@gmail.com
github.com/rish-99

No. 4/2/B, Rosawatta, Kalagedihena
linkedin.com/in/risini-methmini

SUMMARY

Detail-oriented QA Engineer with expertise in automated testing frameworks and test case design. Proficient in Selenium WebDriver, TestNG, Rest Assured, and continuous integration. Experienced in developing test frameworks for functional and non-functional testing with strong analytical and problem-solving skills. Self-motivated with ability to work independently in distributed team environments. Demonstrates commitment to high-quality product delivery and excellent communication. Seeking a Software Engineer Quality Assurance role to contribute to efficient software delivery.

WORK EXPERIENCE

Trainee QA Engineer at 4Axis Solutions (Pvt) Ltd.

January 2024-August 2024

- Performed manual and automation testing for Android, web, and desktop applications, mainly drawing-based apps like Drawing Desk and SketchPro.
- Conducted functional and non-functional testing, regression, and UI/UX consistency tests across mobile, tablet, and desktop platforms.
- Collaborated with cross-functional teams to gather requirements, create test plans, and create and maintain test cases using Selenium and TestNG.
- Reported and followed up on test results in JIRA and Confluence and collaborated in Agile teams.
- Conducted QA demonstrations for internal teams and prioritized testing tasks.
 - Technologies: Selenium, TestNG, JMeter, Java

EDUCATION

University of Moratuwa | Faculty of Information Technology

2021-2025 (Expected)

- Reading for B.Sc. (Hons) in Information Technology
- CGPA: 3.46

Holy Cross College - Gampaha

2005-2018

- G.C.E Advanced Level (2019) Biology Stream
- 1A, 2B's (Z-Score 1.39)

Sri Lanka Telecom Training Centre, Welisara

2018

- Certificate in Applied Information Technology (CAIT)

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C
- Testing Frameworks & Tools:** Selenium, TestNG, RestAssured, Postman, JMeter
- Web Technologies:** HTML, CSS, JavaScript, ReactJS, Spring Boot
- Database & Version Control:** MySQL, GitHub, Sourcetree
- QA Practices:** Manual Testing, Regression Testing, Smoke Testing, Sanity Testing, Exploratory Testing, Test Case Design, Bug Reporting, Agile Methodologies, Test Summary Reports, Test Execution Reports, SDLC, and STLC

PROJECTS

AI-Driven Traffic Management and Violation Detection System

Research Group Project | Ongoing

- Developing an AI-based system for automated traffic monitoring, including vehicle tracking, road sign and mark detection, accident analysis, and violation identification using computer vision and machine learning techniques.
- Technologies: Python, OpenCV, YOLO

E-Commerce Website Testing Project

Individual Project | 2024-Ongoing

- A comprehensive testing project for an e-commerce website, including automated tests. Key features tested include user login, product search, add-to-cart functionality, and the checkout process. This project highlights skills in test case development, bug reporting, and test automation using Selenium WebDriver.
- Technologies: Selenium WebDriver, TestNG, Test Case Writing

QA Testing Project

Group Project | 2024-2025

- A comprehensive testing project covering both API and UI testing for a library management system and a demo HRM application. Web API tests validate endpoints related to book registration, retrieval, updating, and deletion, while UI tests ensure the functionality of a demo HRM system. The project includes test case development, bug reporting, and integration of test cases into CI/CD pipelines.
- Technologies: Selenium WebDriver, Rest Assured, TestNG, Jenkins

Laundry Management System

Group Project | 2022-2023

- Designed a laundry management system with features like item collection, order dispatch, invoice generation, and agreement creation.
- Technologies: ReactJS, MySQL, Spring Boot

T-Shirt Filter Project

Individual Project | 2023

- A web application that allows users to filter T-shirts based on color, size, and price.
- Technologies: HTML, CSS, JavaScript

Paper Bag Making Machine

Group Project | 2021-2022

- Developed an automated paper bag machine including gluing and paper folding mechanisms.
- Technologies: ATmega32, C

LEADERSHIP AND VOLUNTEERING

Rotaract Club of University of Moratuwa

2021-2024

- Vice President International Service Avenue (2023-2024)
- Co-Director International Service Avenue (2022-2023)
- Project Co-Chairperson: Boon Dignity, Trivia Fiesta, Revelation 3.0
- Under-Secretary-General of Information and Media in SLRMUN'22
- Graphic Designer (2021-2023)

Information Technology Society (INTECS) of University of Moratuwa

2021-Present

- Graphic Designer

MoraLenz - Mass Media Club in University of Moratuwa

2022-2023

- Graphic Designer

IT Faculty of University Of Moratuwa

2022-2023

- Main Batch Representative

CERTIFICATIONS & ACHIEVEMENTS

- ISTQB Foundation Level Certification - May 2025
- Winner: QE Hackathon 2025 by Sysco Labs
- Participant: SLIIT Codefest Hackathon 2022

NON-RELATED REFEREES

Dr. G.U. Ganegoda

Senior Lecturer, Dept. of Interdisciplinary Studies, Faculty of Information Technology, University of Moratuwa
Phone: +94 71 996 8294 | Email: upekshag@uom.lk

Mr. Chamith Thisaranga Mirissage

Senior Software Engineer, 4Axis Solutions Pvt. Ltd, No. 422, R. A. De Mel Mawatha, Colombo 03
Phone: +94 76 785 7154 | Email: chamith@4axisolutions.com