

# ISURU SENARATHNA

## Intern QA Engineer

"Crafting Solutions with a Unique Mindset."



### About Me

I'm a motivated IT undergraduate with a passion for Software Quality Assurance. Detail-oriented and focused on testing and solving problems to ensure reliable system performance. Always eager to learn, collaborate with teams, and contribute to delivering high-quality software solutions.



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<https://github.com/Isurusandaruwan697>



[www.linkedin.com/in/isuru-sadaruwan6535](https://www.linkedin.com/in/isuru-sadaruwan6535)



<https://www.youtube.com/@3rdgenerationidm79>

### EXPERTISE

#### TECHNICAL SKILLS

##### Programming Languages

- C#
- JavaScript
- Java
- Python

##### QA Skills

- Test Case Design
- Functional Testing
- Regression Testing
- Test Reporting
- Smoke Testing
- Bug Tracking

##### Tools & Technologies

- Selenium
- Postman
- PyCharm
- MS Office Tools
- JMeter
- Agile - Scrum
- Git
- Jira
- Snowflake
- SQL

#### SOFT SKILLS

- Analytical Thinking
- Decision Making
- Negotiation
- Strategic Planning
- Time Management
- Team Collaboration
- Presentation Skills
- Problem Solving
- Adaptability
- Stakeholder Management

### WORK EXPERIENCE

#### Intern - Quality Assurance at LSEG (London Stock Exchange Group)

1, Millennium Drive, Malabe

[08/2024 - 02/2025]

**Project** - Capital Markets, Index and Risk Technology - Index History

##### Key Responsibilities -

As a QA Intern, supported manual and test automation using Python, SQL, and Snowflake. Created and executed test cases with mind manager, contributed to backend automation and CI/CD testing using Jenkins. Worked with AWS S3 and Airflow for data workflows, managed defects in JIRA, and performed BDD testing with Behave.

### EDUCATION

Ongoing Research : Developing an Automated Police Clearance Certificate System for a More Efficient and Transparent Application Process - [2024 - 2025]

Ongoing Research, Evaluation Of An Ai-Enhanced Meal Subscription System For Corporate Employees In Colombo [2024 - 2025]

BSC in Management Information Systems - UGC (Special) - [2021- 2025]

NSBM Green University

Current GPA - 3.84

General Certificate of Education (A/L) Examination in Technology Stream - [2018]

President's College, Minuwangoda

Subject	Grade
• Information & Communication Technology	C
• Engineering Technology	C
• Science for Technology	C

### UNIVERSITY DEVELOPMENT PROJECTS

- Hela Plate Personalized Meal Subscription System - [2025 Jan - 2025 April]

Developed an AI-powered meal subscription system using Node.js, Python, and MySQL, ensuring quality and functionality through thorough testing.

<https://tinyurl.com/hela-plate>

## AWARDS

- **Certification of SLASSCOM Quality Assurance Track – [2024]**  
(Future Careers Bridge)
- **Certification of SLASSCOM Business Analysis Track – [2023]**  
(Future Careers Bridge)
- **Project Management 101: PMP certification training – [2023]**  
(Simplilearn)
- **Won the top 10 Teams at IX 23– [2023]**  
(Inter-University Designathon, IEEE Student Branch of IIT)
- **Introduction to Programming Using Python – [2023]**  
(University of Moratuwa)
- **Front End Web Development – [2023]**  
(University of Moratuwa)
- **Certification of SLASSCOM Fundamental Challenges – [2023]**  
(Future Careers Bridge)
- **OUSL SLASSCOM Boot Camp – [2021]**  
(SLASSCOM)

## CLUBS AND SOCIETIES

- Microsoft Student Ambassador - Applied [2025]
- Member of The Circle of Information and System Sciences (CISS) NSBM – [2022 - Present]
- Member of Information Systems Audit and Control Association (ISACA) NSBM Group – [2022 - 2023]
- Member at NSBM IEEE Student Branch - [2022 - Present]

## EXTRA-ACTIVITIES

- Member at Secretariat Team IEEE Day 2022
- Active Member of SWA - [2022]
- Vice President of Sunshine Youth Club [2022 - Present]
- School House Captain - [2017]
- Deputy Head Prefect of Raddolugama Junior School - [2013 - 2015]

### • NMedix Mobile Application – [2023 June - 2024 June]

Designed and implemented the system using Flutter and Firebase for optimal functionality, ensuring quality through rigorous testing and agile development strategies..

<https://github.com/Isurusandaruwan697/NMEDIX>

### • JJ-BottleStock [2023 June - 2023 Oct]

Developed a Water Bottle Stock Management system using C# and SQL, ensuring quality through comprehensive testing and validation of functionality.

<https://github.com/Isurusandaruwan697/JJ-BottleStock>

### • NG Constructions – [2023 Jan - 2023 May]

Developed a system using C# and SQL to optimize construction project workflows, ensuring quality through rigorous testing and performance validation.

<https://github.com/Isurusandaruwan697/NG-Constructions>

## UNIVERSITY REPORT PROJECTS

### • Villa Happy Hours Room Reservation System [2023 June - 2023 Oct]

Applied QA practices to the Villa Happy Hours Reservation System by testing functionalities, executing test cases, and reporting defects. Supported project and process management by ensuring quality across schedules and deliverables.

<https://github.com/Isurusandaruwan697/Assessment-Reports>

### • Amalya Reach Resort Pvt Ltd – [2023 Jan - 2023 May]

Performed QA for Amalya Resort systems like Payroll, Food Ordering, and Reservations by validating functionality and ensuring reliability. Supported test planning and aligned QA efforts with project timelines and budgets to enhance efficiency.

<https://github.com/Isurusandaruwan697/Assessment-Reports>

### • Sunquick Pvt Ltd Lanka [2023 Feb - 2023 June]

Conducted QA analysis for Sunquick Lanka Pvt Ltd by gathering data, identifying process gaps, and participating in stakeholder meetings. Monitored project plans and provided strategic suggestions to improve efficiency and outcomes.

<https://github.com/Isurusandaruwan697/Assessment-Reports>

## REFERENCES

### Ms. Pavithra Kankanamge

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Faculty of Computing,  
NSBM Green University.  
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### Dr. Mohomed Shafraz

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## LANGUAGE

- English
- Sinhala