



MONALI THENNAKOON

Quality Assurance Engineer

Moratuwa • (+94) 716 897 662 • shiwanthikamonali@gmail.com
linkedin.com/in/monali-shiwanthika

CONTACT

- linkedin.com/in/monali-shiwanthika
- github.com/Monali-MST
- hackerrank.com/monali_mst
- medium.com/@shiwanthikamonali

ABOUT ME

A dedicated and self-motivated undergraduate with hands-on experience in full-stack development. Passionate about learning new technologies and contributing to impactful projects through creativity and collaboration. An adaptable team player with strong communication skills, committed to delivering quality results while growing and adding value to the organization.

WORK EXPERIENCE

Software Quality Assurance Intern at Eleos Web , Colombo

Jan 2024 - Aug 2024

- Developed an automation project from scratch to streamline UI and API testing.
- Tested UI, API test cases, and iPad iOS app functionalities while ensuring accuracy in test documentation.
- Assisted with server updates, backups, and QA processes to enhance product quality.
- Conducted unit and integration testing, along with knowledge transfer (KT) sessions for new interns.

Tools and Technologies:

- API Testing & Documentation: Postman, Swagger
- Database Management: pgAdmin4, PostgreSQL
- Automation Testing: Playwright with TypeScript (API) & JavaScript (UI)
- Version Control & Project Management: GitLab, Jira, Confluence

EDUCATION

B.Sc. (Hons) in Information Technology & Management

Jul 2021 – Present

University of Moratuwa

- CGPA: 3.3

Diploma In English (Extension)

Dec 2020 – Dec 2021

Rajarata University of Sri Lanka

PROJECTS

Stack Enhance: AI-Driven Integrated System for Optimizing Question Quality, Tag Prediction, and Personalized Recommendations on Stack Overflow

2025 - Present

Individual contribution focuses on developing the Personalized Post Recommendation System based on user expertise levels and post complexity on Stack Overflow. The project involves analyzing user behavior, detecting expertise levels, and assessing post complexity to offer more relevant content.

- Technologies: Python, Scikit-learn, TensorFlow, PostgreSQL, React.js, Node.js

Ez Park - Parking Management System

2022 – 2023

A system that provides facilities for company owners to manage their parking spaces and for their customers to make bookings on parking slots. This project was mentored by Tech Venturas Global (Pvt) Ltd.

Individual contribution focuses on the Payment process, Booking Cancellation with Refund process for levels, Refund Requests, Point System, and Discounts with seasonal offers.

- Role: Team Leader, Full Stack Development
- Technologies: React JS, Node JS, JavaScript, Bootstrap, MySQL
- GitHub Code : <https://github.com/Monali-MST/Ez-Park>

FIT Future Careers 2024

2023

Contributed to the official website for FIT Future Careers 2024, supporting the recruitment of 250+ IT graduates through 200+ interviews with 12+ industry leaders. Ensured a seamless user experience with responsive design and efficient functionality.

- Technologies: React JS, Bootstrap, HTML, CSS
- Live Website: <https://intecs.itfac.uom.lk>

Library System API/UI Automation2024

This API/UI automation project (API: Library System, UI: <https://demo.opencart.com>) uses Playwright and Cucumber with typescript. My contribution to this project is writing and testing API test cases for user updates and UI test cases for the functionalities of the wishlist.

- Technologies: TypeScript, Playwright, Cucumber, Github Actions
- GitHub Code: <https://github.com/Monali-MST/IT-Quality-Assurance-Assignment>

RetailAPITest: Retail Management System API Testing2024

This API automation project (RetailAPITest: Retail Management System) uses Playwright with TypeScript for automating API tests. I contributed by writing and testing API cases for authentication, inventory, stock adjustments, and product handling, ensuring data accuracy and reliability. Associatted with Eleos Web Private Limited.

- Technologies: TypeScript, Playwright, PostgreSQL, Postman

TECHNICAL SKILLS

- Programming Languages: Java, Python, C
- Web Development: HTML, JavaScript, Node.js, React.js, Spring Boot, CSS, Bootstrap, Tailwind CSS
- Databases: MySQL, MSSQL, MongoDB
- Version Control: Git
- API Documentation: Postman, Swagger
- Test Automation: Playwright, Cucumber, Postman for API Testing, TypeScript for Automation
- Other Tools: GitHub, GitLab, Figma, Jira, Visual Studio, NetBeans, IntelliJ

SOFT SKILLS

Fast Learner, Leadership, Team Working, Creativity, Problem solving, Adaptability

VOLUNTEERING

INTECS: Web Developer | FIT Future Careers ‘ 2024
IEEE WIE Student Branch Affinity Group Club: Design Committee Member (Oct 2023 - Oct 2024)
IEEE WIE Student Branch Affinity Group Club: Organizing Committee member | FestX 4.0 ‘ 2023

INTERESTS

Drawing, Diary Writing, Blog Writing, Mobile photography, handcrafting

ACHIEVEMENTS & PARTICIPATIONS

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|---|------------|
| FestX 4.0 (Graphic Design Category) 2nd place | Oct 2023 |
| IEEE WIE Student Branch Affinity Group of University of Moratuwa | |
| CodeRush 2023 Coding Competition at INTECS - UoM | March 2024 |
| Mora UXplore 1.0 (2023) Semi-Finalist | 2023 |
| IEEE student branch of University of Moratuwa - 33rd place among 300+ teams in 1st round | |
| Real Hack (2023) participation | 2023 |
| Software Engineering Students Association and IEEE Student Branch of University of Kelaniya | |
| Hack Moral 5.0 participation | 2023 |
| IT faculty University of Moratuwa | |
| Hack X 6.0 participation | 2021 |
| Department of Industrial Management, University of Kelaniya | |

REFERENCES

Dr. Chaman Wijesiriwardana Senior Lecturer Grade II Department of Information Technology, Faculty of Information Technology, UOM chaman@uom.lk	Mr. Nuwan Wickramasinghe Senior Software Engineering Eleos Web pvt ltd nuwan@eleos.com
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