



VIRANGA WADDUWAGE

QA ENGINEER - ASSOCIATE

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SUMMARY

Motivated and detail-oriented undergraduate passionate about quality engineering and continuous learning. Eager to embrace new technologies and collaborate effectively in dynamic IT environments. Actively seeking an Associate QA Engineer role to gain hands-on experience and make a meaningful impact in the industry.

WORK EXPERIENCE

Software Quality Assurance Engineer Intern Tech Venturas (pvt)Ltd	2024 Mar - 2025 Mar
<ul style="list-style-type: none">Conducted both manual and automated testing on various software applications.Experienced in test automation for web applications using selenium, testNG and java.Experience in Agile development framework.Identified and reported bugs using Trello, ensuring accurate tracking.Designed and executed 200+ test cases.Processes and coordinates testing information and enters data into standard QA documentation.	

EDUCATION

B.Sc (Hons.) Information Technology and Management University of Moratuwa	2021 - 2025
Taxila Central College, Horana G.C.E. Advanced Level (2019) z-core : 1.8834 Result : 3A	2019
Bulathsinhala Central College, Bulathsinhala G.C.E. Ordinary Level (2016) Result - A5 , B2, C2	2016

TECHNICAL SKILLS

- Manual Testing** : Mobile and web Testing , Test case design ,Test execution, Bug tracking and reporting
- Test Automation** : Selenium , Cucumber, Cypress, Postman
- CI/CD** : Jenkins, GitLab C
- Programming Languages** : Java , C
- Database**: MSSQL , MongoDB
- Web Development** : ReactJS, HTML, CSS, Javascript
- Project Management Tools** : Trello, Jira
- Version Control** : Git, GitHub

CETIFICATE

- ISTQB Certified Tester Foundation Level Exam

PROJECTS

QA Automation project

Dec 2024

Automated testing for an e-commerce website, validating login, cart, product functionalities, and payment processes. Created detailed test cases, reported bugs, and performed API testing to ensure system reliability and performance.

Technologies : Cypress , Cucumber

Github link : <https://github.com/orgs/ITQA-Assignmnet/repositories>

Dress You - Final year Research based project - Ongoing

Developed the face shape recognition and hairstyle recommendation module for Dress U, an AI-powered fashion recommendation system. Implemented computer vision techniques using MediaPipe and OpenCV to detect facial landmarks and classify face shapes. Utilized CNN for accurate face shape classification and Cosine Similarity to match user preferences with suitable hairstyles. Integrated a user feedback loop to refine recommendations and improve system accuracy over time.

Technologies : Image Processing, Computer Vision, CNN, Cosine Similarity, MediaPipe, OpenCV

Prescription Management System - Software Project

Aug 2022 - June 2023

Developed a system to enhance interaction among doctors, patients, and pharmacists, focused on efficient prescription management. Key features include reducing prescription misplacement and misuse through a user-friendly interface, one-time code generation, database management, and pharmacy inventory control.

Technologies: ReactJs , asp.net core , MSSQL

Github link : <https://github.com/Brainy-Badgers>

Automation Testing for E-Commerce Application (Amazon)

2024

Conducted automation testing for an e-commerce platform, focusing on validating key functionalities. Developed and executed test scripts using Selenium to ensure smooth user interactions and system performance. Automated test cases for critical workflows, improving efficiency and accuracy in defect detection.

Technologies : Selenium, Java, TestNG

HACKATHONS

- Sysco LABS QE Hackathon - Winners (2025) | University of Moratuwa
- CODE RUSH (JULY | 2022) [Participate]
- MORA UX PLORE 1.0 [Participate]

EXTRA CURRICULAR ACTIVITIES

Gammaddata IEEE - Coordinator

The project served the purpose of providing a platform to rural children to enhance their knowledge and gain hands-on experience in robotics.

REFERENCES

Ms. Idumini Chamaransi
Quality Assurance Engineer,
Sysco Labs,
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Dr. Romesh Thanuja
Senior Lecturer,
University of Moratuwa.
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