VISHAKA LAKMALI
Quality Assurance Engineer Intern

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GitHub | LinkedIn | Personnel Portfolio

PROFILE

I am a dedicated IT undergraduate with a strong interest in Quality Assurance and development. As a MERN mobile application developer, I have a solid foundation in the MERN Stack and front-end development using React. I also have hands-on experience in both Automation and Manual Software Testing. I am eager to contribute to a team's success through my attention to detail, analytical thinking, and collaborative skills.

EDUCATION

BSc Honors in Computing and Information Systems   *2022-Present*
- Sabaragamuwa University of Sri Lanka

  Current GPA - 3.63

G.C.E. Advanced Level   *2017-2019*
- Delta Gamunupura Maha Vidyalaya

  Physical Science Stream

TECH SKILLS

Programming Languages

Java, JavaScript, SQL,C

Frameworks and tools

React Native, Node.js, Express.Js, Selenium, TestNG, Postman, Applitools, Figma

Project Management and Version control

JIRA ,Trello , Git

Database

MySQL, MongoDB

SOFT SKILLS

Communication

Team Collaboration

Leadership

Problem solving

Project Management

Adaptability

Critical Thinking

PROJECTS

FoodFlow Web Application Testing

FoodFlow is a web Application which serves individuals from homes or orphanages and surplus food providers. Testing Of FoodFlow Application Focused on validating key Functionalities such as user registration and login, navigation bar functionality, contact form submission, product management, and shopping Page in the supplier dashboard. I created Proper project plan document and test executions are properly documented.

Technology Suite - Selenium Eclipse TestNG Java Postman Excel

WebDriverUniversity Testing

Focused on testing various components of the DriverUniversity Demo web application using Selenium. Key Testing Areas include Alert, Popup, Check Box and Radio Button, Drop Down, Form, Frame and Window Handling, Mouse Events, Screenshot, Scroll Down, To-do and web Tables.

Technology Suite - Selenium Eclipse Java

Cura Healthcare web Testing

This project focused on conducting login Tests, appointment Tests and navigation Tests of the Cura Healthcare demo site covering dropdowns, checkboxes, radio buttons, date pickers, text inputs, test calendar elements and button clicks. The automation framework aims to validate and ensure the proper functioning of provided by the healthcare site.

Technology Suite - Selenium   Eclipse   Java

E-Library management system web Testing | Group

I worked on a e-library system Testing Project where we tested the web application that includes Unit Testing, Integration Testing, System Testing and Acceptance Testing with comprehensive Test Documents. Here We tested the Admin Dashboard.

My Contribution
- Designed test cases for Login and the Add book, View Book
- Developed and executed automated test scripts.
- As the Project Manager, I effectively managed the project using JIRA.
- I served as a QA lead, providing effective oversight, coordination, and ensuring the successful execution of all testing activities throughout the project.

Technology Suite - Selenium   Intellij IDEA   Java   PHPUnit Zephyr App Git

HighWay Hub | Group | Mobile Application

HighWay Hub is a mobile application designed for issuing virtual tickets for highway journeys. It offers a range of features including vehicle registration and generating QR, virtual ticket generation, journey progress updates, and functionality for toll booth operators to log entrance and exit points. Also we integrated a chatbot. The application also supports secure card payments.

My Contribution
- Developed Backend Using MERN Stack.
- Tested API using Postman.
- Supported to Design user interfaces Using Figma.
- Supported to develop Frontend.
- Integrated a chatbot using the Gemini API.
- Played the project manager role and supported through effective oversight, coordination, and execution.

Technology Suite - MongoDB   Express.js React-native   Node.js   Postman   Figma

ACHIEVEMENTS

Finalists - Aurora   *2024*
Organized by University Of Sri Jayewardenepura

Finalist - Tadhack   *2024*
Organized by hSenid Mobile

Semi Finalist - Brainstrom   *2024*
Organized by IEEE student Branch University of Moratuwa

Semi Finalists - Idealize   *2024*
Organized by AIESEC in University of Moratuwa

VOLUNTEERING

IEEE WIE student Branch Affinity Group of SUSL
Commitee Member for Term 2024/25

IEEE INSL 2024 - Sabaragamuwa Province
Program Team Assistant Lead

IEEE WIE student Branch Affinity Group of SUSL - Aurelia V1.0

Program team Lead

REFERENCES

Mr.Amila B. Gunerathne

Associate Software Engineer

Kerk Solutions(Yoors)

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Mrs.RMKK Wijerathna

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