ROSHAN WICKRAMSOORIYA

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Sri Lanka (Colombo, Western Province)

PROFESSIONAL SUMMARY

Experienced Software Quality Assurance Engineer with a proven track record of delivering high-quality, secure software products. Skilled in comprehensive test planning, execution, and automation with a specialized focus on web application security testing. Proficient in enhancing product functionality and user experience by identifying and documenting security vulnerabilities. Expertise in manual, automated, and penetration testing methodologies, leveraging tools such as Cypress, JMeter, and Burp Suite for in-depth security analysis.

EDUCATION

B.Sc. (Hons.) in Software Engineering   Mar 2019 – Jan 2023

University of Plymouth (NSBM Green University) - Second Class Honors (Upper Division)

WORK EXPERIENCE

Software Quality Assurance Engineer,   September 2024 – Present
Raketman (Pvt) Ltd, Colombo

Software Quality Assurance Engineer   Sep 2023 – August 2024
Elysian Crest, Colombo

Software Quality Assurance- Intern   Jan 2023 - Sep 2023
Elysian Crest, Colombo
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WORKED PROJECTS

National Organic Control Unit Web Portal:
- First project as a QA intern, started my career responsible for testing. Gained significant experience in software testing. The project, a web portal for issuing certificates for the Export Development Board (EDB), is now live.
  https://nocu.lk/

DAVIDSROCK Community and Events Platform:
- This is the first overseas project from the USA, undertaken after completing an internship. It involved extensive testing and the first web automation using Cypress. Conducted demo presentations and client communications. The project is now live.
  https://www.davidsrock.com/

UTP-Super Mobile Application and Admin Portal:
- First mobile application project as a QA engineer, performed the first performance testing using JMeter. The testing led to significant improvements in server performance. The app is for United Tobacco Processing in Sri Lanka for internal communication and news. The project is still in development.

VCF Cigars Web Application and CMS:
- Ensured seamless content display and multilingual support across seven languages. Performed functional, UI, and usability testing for both the end-user interface and CMS. Additionally, executed performance testing to validate system stability and responsiveness under load.
  https://www.jcortes.com/en

Web Shop B2B Portal – Cigars Selling E-commerce Website:
- In the Web Shop project, an e-commerce platform focused on efficient product, order, and customer management, handled end-to-end quality assurance across multiple testing phases. My responsibilities included performing manual functional testing, API testing, and developing API automation scripts to enhance regression coverage. Also implemented UI automation testing using Cypress, ensuring consistent validation across browsers and devices. Additionally, conducted performance testing to assess system stability under load, identified bottlenecks, and supported optimization efforts. Alongside testing activities, and maintained a structured JIRA-based QA process, creating detailed Epics, Stories, and Tasks with full traceability, estimates, and progress tracking. These efforts collectively improved the platform's quality, performance, and release reliability while fostering seamless collaboration across QA, development, and product teams.

Tobacco World Map – Global Data Visualization:
- In the Tobacco World Map project, a global data visualization and management system for tobacco-related data, was responsible for ensuring product reliability, performance, and security. Conducted comprehensive functional and API testing using Postman and Burp Suite, performed security testing aligned with OWASP Top 10 standards (including Broken Access Control, SQL Injection, and Server-Side Request Forgery), and validated Microsoft Identity token–based authentication and authorization workflows. Collaborated closely with developers to reproduce and verify backend issues, reported defects through agile sprints, and ensured each release met quality standards.

SKILLS

Testing Types:
- Black Box Testing, White Box Testing, Grey Box Testing
- Functional and Non-Functional Testing
- Regression Testing
- Integration Testing
- Load Testing
- Smoke Testing
- Security Testing (Beginner)
- API Testing
- Performance Testing

Documentation:
- Test Plan
- Test Case
- Bug Report
- Performance Test Report
- Security Test Report

Tools and Technologies:
- Cypress
- JMeter
- Burp Suite
- Postman

Non-Related Referees

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Chief Technical Officer – Raketman (Pvt) Ltd, Colombo
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Priyani Thuduwage
QA Lead- Raketman (Pvt) Ltd, Colombo
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I hereby certify that the information provided in this resume is true and accurate to the best of my knowledge.