

SAHAN PANANGAMU

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PERSONAL PROFILE

A highly motivated Software Tester / QA Engineer with extensive experience working on projects across a breadth of sectors. Strong background in manual and automated testing of applications across various domains, with a hands-on approach to working with business / technical teams to elicit requirements and execute testing plans appropriately. Well versed in supporting projects through full lifecycles to meet all core aims and objectives successfully in line with expectations.

EXPERTISE, KEY SKILLS & COMPETENCIES

- Strong background of supporting testing / QA teams and operating in Agile, Scrum and CI / CD environments.
- Deep understanding of the software testing life cycle (STLC) and software development life cycle (SDLC).
- Working on test planning, estimation, scheduling and defect management as part of project life cycles.
- Well versed in creating and executing test scripts / cases / procedures and ensuring appropriate coverage of scenarios.
- First rate knowledge of defect management, change management and release management processes.
- Deep experience relating to functional / non-functional, integration, system, UAT, unit, browser, compatibility, exploratory, performance and regression testing (automated and manual).
- Skilled in verifying and validating automation test scripts / automation frameworks and coordinating execution effectively.
- First rate stakeholder management skills, with the ability to effectively listen to, communicate with, challenge and influence team members, developers and senior managers.
- Technical proficiency / knowledge in Visual Studio, JMeter, XMind, Eclipse, UFT, Jenkins, Appium, C#, Java, JavaScript, SQL, Selenium, MSSQL Server, MySQL and Atlassian JIRA.

CAREER TO DATE

QA Engineer / Consultant (Remote) – W3Data Pvt Ltd

May 2023 – Present

- Working on all aspects of regression testing, unit testing and performance testing on various web applications.
- Supporting the creation of testing plans, test cases and test approach documents, and driving the deployment of QA frameworks for manual / automated functional and non-functional testing activities.
- Implementing processes to manage test execution, defect collation, defect tracking, root cause analysis and reporting.
- Deploying automated test scripts to significantly improve testing efficiency and reduce manual testing efforts.
- Tracking QA / testing progress and ensuring accuracy and quality standards are maintained through to solution releases.
- Improving the QA automation landscape by scripting and refining regression tests to reduce the defect resolution rate, and enhance software reliability / performance levels.
- Executing testing in line with requirements and following up on defects for resolution with development teams.
- Collaborating closely with QA counterparts to ensure appropriate new feature testing on web applications as required.
- Participating in overall release management processes and validating application readiness for production deployment as well as adherence to compliance standards.
- Implementing comprehensive QA strategies and test plans for software projects which have resulted in a 20% reduction in product defects and improved overall client satisfaction.

QA Automation Engineer – CAMMS

Jul 2021 – Oct 2022

- Led a revamp and optimisation of the test automation framework to enhance efficiency and reliability levels.
- Developed and executed automation scripts which ensured robust product quality and performance.
- Conducted comprehensive manual and automated regression testing for product integrity and managed bug tracking.
- Contributed insights to release planning and reviews to achieve successful project outcomes.

EARLIER CAREER SUMMARY

Associate QA Automation Engineer – CAMMS	Aug 2020 – Jun 2021
Hardware and Network Technician – Extreme Computer Technologies Pvt Ltd	Nov 2019 – Aug 2020
Automation Associate Specialist QA – Virtusa Pvt Ltd	Aug 2018 – Aug 2019
Hardware and Network Technician – Extreme Computer Technologies Pvt Ltd	Jan 2014 – Sep 2015

PROFESSIONAL TRAINING & COURSES

- **Introduction to Cybersecurity** – Cisco
 - **Software Testing Foundations: Test Techniques** – LinkedIn
 - **Postman Essential Training** – LinkedIn
 - **Learning Microsoft 365 Copilot** – LinkedIn
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EDUCATION

<u>University of the West of England</u>	2022 – 2023
▪ MSc Information Technology	
<u>Sri Lanka Institute of Information Technology (SLIIT)</u>	2016 – 2019
▪ BSc (Hons.) Information Technology	

References available upon request.