

SURYA V KRISHNAN
QA Automation Engineer
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Summary

- Around 3+ years of experience in Software Quality Assurance and Manual with emphasis on Automation testing
- Experienced in capital market and banking domain
- Hands-on experience in building automation frameworks such as Page Object Model, Data driven, BDD (Cucumber).
- Experienced in automation framework using Selenium and Java
- Experienced in Automated Testing using Junit/TestNG
- Experienced in various testing methods such as Functional, Regression, Integration, Smoke,UAT testing etc..
- Developed Test plans, Test Cases, Defect Management, Defect Triage, and Traceability Matrix.
- Experienced in API testing using Rest Assured ,Postman and Parasoft tools.
- Strong knowledge in SDLC and STLC including requirement analysis ,test planning ,test case design ,test environment setup, test execution, defect tracking, and test closure
- Experienced in Bug Tracking and Reporting using Jira/Xray
- Developed Data Driven Framework Using Apache POI .
- Experienced in Agile methodologies using Scrum and Kanban frame work.
- Expertise in writing SQL Queries for extracting and validating data from the database
- Excellent troubleshooting, problem solving skills and ability to quick learning new tools and technology.

Technical Skills

Java	Selenium	Python
C++	TestNg / JUnit	JavaScript
Cucumber	Maven	SQL/MySQL
Jenkins	RestAssured	Postman
JMeter	Parasoft	Bugzilla
HTML	Apache POI	Confluence
JIRA/Xray	Git/ BitBucket	Confluence

Experiences

TD Bank, Toronto QA Automation Engineer	Jan 2022 - Jul 2023
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- Experienced in Web based application domain for business account opening.
- Extensively worked on QA planning, coordination and implementation of QA methodologies.
- Created test cases and implement test plans based on business requirements
- Developed documentation of test procedures
- Involved in smoke testing, regression testing, integration testing, user acceptance testing etc.
- Experienced in automation testing using Selenium and Java
- Automated the test cases using Maven,BDD,TestNG, Page object Model (POM)
- Developed and executed test plans and cases (manual and automated).
- Crating and executed test cases and generate test and defect report using Xray
- Created test scripts, analyze results, document defects and issues, identify root cause, and sign off on deliverables from testing perspective
- Working experience with Defect Management Tools like JIRA
- Experienced with version controlled by Git and Bitbucket.
- Experienced in API testing manually by Postman and Parasoft.
- Automated API testing using RestAssured.
- Experienced in writing SQL queries and interacting with SQL databases
- Followed Agile/Scrum methodology throughout the development of the product.

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- Documented test plans, test cases, and tracing the test cases using RTM
 - Performed UI, functional and smoke testing.
 - Performed automation using Selenium and Java
 - Experienced with Defect Management Tools like JIRA
 - Executed test scenarios and submitted the test report.
 - Performed manual back end testing with the use of oracle PL/SQL querying to verify the database contents.
 - Used office suite extensively which included MS word, MS excel for various documentation and analysis reports.

Archon Solution Pvt Ltd,India
Quality Tester

Jan 2019 – July 2019

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- Handled manual testing and created and submitted the test report.
 - Created test cases and executed test cases manually
 - Executed test cases by pass/fail criteria by attaching actual and expected results .
 - Involved in functional testing, smoke testing, integration testing and regression testing to verify the existing functionality did not change with the new functional changes.
 - Tracked the defects, followed up with the development team to fix bug and closing the defects.

VISAT Engineering College, India
Assistant Professor

Aug 2012 – Jan 2019

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- Trained students for developing website using different programming language.
 - Trained students to manage database using complex queries in SQL
 - Given training to students for set up environment for software developing.

Federal Bank, Kerala, India
Software Developer

Sep 2008 – Aug 2009

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- Experienced in Web based application domain for user personal account opening.
 - Participated in designed and documentation of each stages of SDLC
 - Developed back end using java, SQL and apache server.
 - Performed manual testing and documented test report with actual and expected results.
 - Performed back-end testing and verified the data stored in the database using complex SQL queries.
 - Tracked the defects, followed up with the development team to verify bug and solve the defects.
 - Developed website UI by using HTML, CSS, bootstrap.
 - Performed smoke, functional, UI, Integration testing manually and documented test report.
 - Used office suite extensively which included MS word, MS excel for various documentation and analysis reports
 - Followed Waterfall methodology throughout the development of the product.

Education

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| • Enterprise Mobile & Web Developer Programming
Trios College, Toronto, Canada | Sep 2019 - Aug 2021 |
| • Master of Engineering in Computer Science
Anna University, Chennai, India | Jul 2011 - Jun 2013 |

Achievement

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- **ISTQB/CTFL Certified tester**