

SURYA V KRISHNAN
QA Automation Engineer
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Summary

- Around 9+ years of work experience along with Software Quality Assurance emphasis on Automation testing
- Experienced in capital market and banking domain
- Experienced in automation framework using Selenium and Java
- Experienced in automated testing using TestNG/JUnit
- Experienced in building automation frameworks such as Page Object Model, Data driven, BDD (Cucumber).
- Participated in various testing methods such as Functional, Regression, Integration, Smoke,UAT testing etc..
- Developed Test plans, Test Cases, Test scenarios ,Test scripts and Traceability Matrix etc.
- Experienced in API testing using Rest Assured ,Postman and Parasoft tools.
- Hands-on experienced in building mobile automation frameworks using Appium,Xcode
- Hands-on experienced in Android studio for mobile automation.
- Strong knowledge in SDLC and STLC including requirement analysis ,test planning ,test case design ,test environment setup, test execution, defect tracking, and test closure
- Developed Data Driven Framework Using Apache POI
- Expertise in writing SQL/MySQL queries for extracting and validating data from the database
- Hands-on experienced in performance testing using JMeter
- Experienced in bug tracking and reporting using Jira/Xray
- Experienced in Agile methodologies using Scrum and Kanban framework.
- Excellent troubleshooting, problem solving skills and ability to quick learning new tools and technology.

Technical Skills

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| • Used Java & Selenium for automation testing | • Used RestAPI for API automation testing |
| • Used Appium for mobile automation testing | • Used TestNg / JUnit for executing test cases |
| • Used Cucumber for BDD | • Used Jenkins for CI/CD pipeline |
| • Used Maven for dependency management | • Used Python for programming |
| • Used SQL / MySQL for Database management | • Used Postman / Parasoft for API manual testing |
| • Used JavaScript for scripting | • Used JMeter for performance testing |
| • Used HTML/CSS for web development | • Used Bugzilla,JIRA/Xray for defect management |
| • Used GitHub / BitBucket for version control | • Used Apache POI for data driven testing |
| • Used Eclipse/IntelliJ/Android studio/Xcode in IDE | |

Education

- **Master of Engineering in Computer Science**
- **Diploma in Enterprise Mobile & Web Developer Programming**

Experiences

FDM Group

Jan 2022 - Jul 2023

QA Automation Engineer | Consultant

Environment: Selenium,Java,RestAPI,Cucumber,Maven,TestNg,PostMan,SQL,Jira/Xray, GitHub/Bitbucket, IntelliJ

- Experienced in Web based banking application domain for business account opening.
- Extensively worked on QA planning, coordination and implementation of QA methodologies.
- Created test cases and implemented test plans based on business requirements
- Updated documentation of test procedures in Confluence
- Involved in functional testing, smoke testing, sanity testing, regression testing, integration testing, black box testing etc.
- Experienced in automation testing using Selenium and Java
- Automated the test cases using Maven,Cucumber,TestNG, Page object Model (POM)
- Writing and executed test cases and test script (manual and automated).
- Designed and reviewed test scenarios.

- Executed test cases using TestNG in IntelliJ IDE
- Created and executed test cases and generated test report and defect report using Xray
- Created test scripts, analyze results, document defects and issues, identify root cause, and signed off on deliverables from testing perspective
- Experienced in API testing manually by Postman and Parasoft.
- Automated API testing using RestAssured.
- Experienced in writing SQL queries and interacting with databases using SQL Server Management Studio
- Working experience in defect tracking and defect management using JIRA
- Experienced with version controlled by GitHub and Bitbucket.
- Followed Agile/Scrum methodology throughout the development of the product.

Trios College

Sep 2021 – Dec 2021

Software Tester | Co-op

Environment: Selenium,Java,Cucumber,Maven,JUnit,SQL,Jira,GitHub,Eclipse

- Documented test plans, test cases, and tracing the test cases using RTM
- Performed UI, functional ,sanity and smoke testing.
- Performed automation using Selenium ,BDD and Java
- Executed test cases using JUnit in Eclipse IDE
- Experienced with Defect Management Tools like JIRA
- Executed test scenarios and submitted the test report.
- Performed manual back end testing using SQL query in Workbench.
- Used office suite extensively which included MS word, MS excel for various documentation and analysis reports.

Archon Solution Pvt Ltd

Jan 2019 – July 2019

Quality Tester

Environment: Excel,SQL,JIRA,Eclipse

- 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 in Excel.
- Involved in functional testing, smoke testing, integration testing and regression testing to verify the existing functionality did not change with the new functional changes.
- Reviewed and verified data using SQL queries
- Tracked the defects using Jira, followed up with the development team to fix bug and closing the defects.

VISAT Engineering College

Aug 2012 – Jan 2019

Assistant Professor

Environment: Java, HTML/CSS,JavaScript,SQL,MySql, Workbench,Eclipse

- Trained students to develop websites in different domain using Java,C++, JavaScript ,HTML/CSS etc
- Trained students to develop projects in Eclipse IDE
- Trained students for managing database using complex queries in SQL and MySql using Workbench
- Given training to students for set up environment for software developing.

Federal Bank

Sep 2008 – Aug 2009

Software Developer

Environment: Java, JSP,HTML/CSS,JavaScript,SQL,MySQL,Excel,Eclipse

- Experienced in Web based application in banking domain to open a user personal account.
- Participated in designed and documentation of each stages of SDLC
- Developed website UI by using HTML,CSS, JavaScript etc in Eclipse.
- Developed back end using java, SQL and apache server.
- Performed manual testing and documented test report with actual and expected results in Excel.
- Performed back-end testing and verified the data stored in the database using complex SQL/MySQL queries.
- Tracked the defects, followed up with the development team to verify bug and solve the defects.
- Experienced in server side scripting using JSP
- Performed smoke, sanity , 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.

Achievement

- ISTQB/CTFL Certified tester