

**SURYA V KRISHNAN**  
**QA Automation Engineer**  
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## Summary

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- 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           |
| • Applied Appium for mobile automation testing           | • Operated TestNg / JUnit for executing test cases  |
| • Applied Cucumber for BDD                               | • Used Jenkins for CI/CD pipeline                   |
| • Used Maven for dependency management                   | • Practiced Python for programming                  |
| • Practiced SQL / MySQL for Database management          | • Operated 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            | • Practiced Apache POI for data driven testing      |
| • Worked on Eclipse/IntelliJ/Android studio/Xcode in IDE |   |

## Education/Certifications

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- **Master of Engineering in Computer Science**, Anna University, India.
- **Diploma in Enterprise Mobile & Web Developer Programming** , Trios College , Toronto.
- **ISTQB/CTFL Certified tester**

## Experiences

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### QA Automation Engineer | Consultant

**Jan 2022 - Jul 2023**

FDM Group

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

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- 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
- Used Jaws for accessibility testing.
- 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.

#### **Software Tester | Co-op**

**Sep 2021 – Dec 2021**

Trios College

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

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- 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.

#### **Quality Tester**

**Jan 2019 – July 2019**

Archon Solution Pvt Ltd

*Environment: Excel,SQL,JIRA,Eclipse*

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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 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.

#### **Assistant Professor**

**Aug 2012 – Jan 2019**

VISAT Engineering College

*Environment: Java, HTML/CSS,JavaScript,SQL,MySQL, Workbench,Eclipse*

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- 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.

#### **Software Developer**

**Sep 2008 – Aug 2009**

Federal Bank

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

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- 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.