

SURYA V KRISHNAN
QA Automation Engineer
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Summary

- Around 10+ years of working experience along with Software Quality Assurance emphasis on Automation testing
- Experienced in capital market and banking domain
- 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 API ,Postman , GraphQL and Parasoft tools.
- Hands-on experienced in building mobile automation frameworks using Appium
- Hands-on experienced in building automation frameworks using Selenium and Python
- Strong knowledge in SDLC and STLC including requirement analysis ,test planning ,test case design ,test environment setup, test execution, defect tracking, and test closure
- Hands-on experienced in AzureDevops to enhance collaboration and productivity by automating infrastructure, workflows, and continuous delivery.
- Expertise in writing SQL/MySQL queries for extracting and validating data from the database
- Experienced in bug tracking and reporting using Jira/Xray
- Experienced in Agile methodologies using Scrum framework.
- Excellent troubleshooting, problem solving skills and ability to quick learning new tools and technology.

Technical Skills

- **Automation Tools** : Selenium, Appium, TestNG,JUnit, Cucumber[BDD]
- **Programming** : Java, Python
- **API Testing** : Rest API,Postman, Parasoft,GraphQL
- **Mobile Automation** : Appium,Android Studio
- **Performance Testing** : JMeter
- **Version Control** : Git/GitHub , Bitbucket
- **Database** : SQL, MySQL
- **CI/CD** : Jenkins, Maven, AzureDevops
- **Defect Management** : Jira, Xray
- **IDE** : Eclipse, IntelliJ
- **Other** : HTML, CSS, JavaScript, Agile/Scrum, Confluence

Education/Certifications

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

Experiences

QA Automation Engineer | Consultant

Jan 2022 - Jul 2023

FDM Group

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

- Experienced in Web based banking application domain for business account opening.
- Participated in QA team to create and execute tests and given feedback on all software releases.
- Created test cases ,test scenarios and implemented test plans based on business requirements
- Periodically maintained test coverage matrices, end to end report of manual and automated tests for products.
- 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[BDD], TestNG, Page object Model (POM)
- Writing and executed test cases and test script (manual and automated).
- Executed test cases using TestNG in IntelliJ IDE
- Created and executed test cases and generated test report and defect report using Jira-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 Rest Assured and JSON.
- Experienced in writing SQL queries and interacting with databases using SQL Server Management Studio
- Working experience in defect tracking and defect management using JIRA/Xray
- Experienced with version controlled by GitHub and Bitbucket.
- Followed Agile/Scrum methodology throughout the development of the product.

Quality Automation Tester

Jan 2020 - Dec 2021

Zoftern Inc.

Environment: Selenium,Java,Cucumber,JUnit,PostMan,RestAPI,JUnit,SQL,Jira, Git/GitHub, Agile/Scrum

- Documented test plans, test cases, and tracing the test cases using RTM
- Performed UI, functional, Integration, sanity and smoke testing.
- Performed automation testing using Selenium ,Java, Cucumber and Maven
- Executed test cases using JUnit in Eclipse IDE
- Experienced with Defect Management Tools like JIRA
- Performed API testing using Postman and Rest Assured.
- Experienced in performance testing using JMeter.
- Used Git/Github for Version control
- Performed manual back end testing using SQL query in Workbench.
- Executed test scenarios and submitted the test report.
- Worked in Agile project management methodology

Software Tester

Feb 2018 - Jul 2019

Archon Solution Pvt Ltd

Environment: Selenium,Java,Cucumber,Maven,JUnit, Bugzilla,Git,Eclipse

- Created test cases ,test scenarios and implemented test plans based on business requirements
- Assisted in the design and implementation of automated test scripts using Selenium ,Java and JUnit .
- Collaborated with software developers and QA engineers to define test cases, identify test scenarios, and prioritize testing efforts based on project requirements.
- Participated in various testing methods such as Functional, Regression,Smoke,Sanity testing etc.
- Experienced with Git for version control.
- Executed automated test suites, analyze test results, and identify software defects using Bugzilla.

Assistant Professor

Aug 2012 - Jan 2018

VISAT Engineering College

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.

Software Developer

Sep 2008 - Aug 2009

Federal Bank

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.

References: Available upon request.