

# Gobishankar Rathinam

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## Summary Of Qualifications

- Having around 8 years of work experience in IT Industry with good experience in delivering the quality applications and implementing software development engineering in testing operations (**SDET**)
- Proficient and experienced in implementing Automation Tools like **Selenium, Squish** for automating the **Web, Desktop (Windows) and Web Services (REST)** based applications
- Experienced in utilizing testing frameworks like **TestNG, BDD Cucumber**.
- Designed and developed automation frameworks from scratch like **BDD, Hybrid, Keyword driven**, Page object model (POM) based on **Selenium tool**
- **Load Testing** for GUI Functional AUT using **AppLoader**
- Proficient and experienced in automating the **Rest API's** using Java based libraries **REST assured, Apache HTTP client** and **SOAP UI** tool
- Proficient in developing automation testing frameworks and solutions using **Java** and **C#.net**
- Proficient in developing and executing the automation **POC's** across organization for various new prospects and clients.
- Taken the ownership of preparation of **Test Reports, Release Notes, Metrics, Project Closure** documents
- Have experience with version controlling repositories like **GIT**
- Experience in working with Azure DevOps - scrum boards, repos, test plans and pipelines
- Experienced in working with **CI tools** and building **DevOps pipelines** in **Jenkins**.
- Experienced with various testing techniques like **Functionality testing, Regression testing, GUI testing, Sanity testing and Performance testing** and implementation of them at various testing phases.
- Excellent communication and interpersonal skills with strong work ethics

## Technical Expertise

Software Testing : Manual and Automation

Automated Tools : **Selenium, Squish, Cucumber, Appium, SoapUI, Rest assured**

Frameworks : BDD, TestNG, Junit, TDD, Data Driven, Keyword Driven, Hybrid

DevOps : Jenkins, Git, Docker

Database : C-tree, SQL Server

Testing Tools : Postman, JIRA, TestRail, Spira, Firebug

Environment (IDE) : Eclipse, VSCode, Visual Studio

Framework/Language : Java, C#, Basic knowledge in HTML, CSS, JavaScript

## Professional Experience

**Client: NRG Energy, Houston, Texas**

**Role: Automation Architect**

**Span: April 2020 to till date**

**Tools: Selenium, TestNG, Postman, Rest Assured, Jenkins, Git, Azure DevOps**

### **Responsibilities**

- Developing test scripts for the Web application using Selenium
- Developing automated tests in ADO board and linking with automation framework
- Developed solution to trigger automated tests from ADO board via pipelines in saucelabs environment
- Developed automation framework to validate the API's using C#, Java and Rest assured libraries
- Performed web services testing by validating request and response for XML, YAML and JSON files.
- Designing the automation framework and enhancing the existing automation frameworks as per the client requirements
- As a lead mentoring, guiding and following up on the team members regularly and ensuring the smooth execution of the project.
- Review the automation scripts developed by the team on a daily basis.
- Give QA effort estimations after analyzing the user stories in Grooming session held between the project members
- Work with Business Analysts, Product managers for deriving the requirements and understanding the implementation challenges.
- Automating all the feasible user stories in the current sprint and executing them on a daily basis and whenever build changes occur in various environments.
- Reviewing, Modifying, and sending the Status Report consisting of the Bug reports, defect logs, effort estimates and the other deliverables along with the summary of the entire work done on a weekly basis
- Analyzing, reproducing, and reporting the bugs online and keeping a track of them.
- Document, implement, monitor, and enforce all processes and procedures for testing as per standards defined by the organization.

**Client: United Airlines, Chicago, USA**

**Role: Sr Automation Lead**

**Span: Dec 2018 to Mar 2020**

**Tools: Selenium, Apache HTTP Client, Jenkins, Git, TestNG, Java**

### **Responsibilities**

- Leading the team in automating the regression suite of couple of applications in the projects using Selenium, Appium
- As a lead mentoring, guiding and follow up on the team members regularly and ensuring the smooth execution of project
- Review the automation scripts developed by team on daily basis
- Developing the scripts for the user stories which are complex and needs expertise in automating them
- Prepare Test Strategy for the current sprint and prepare the test plan for both automation and manual testing suite
- Give QA effort estimations after analyzing the user stories in Grooming session held between the project members
- Work with Business Analysts, Product managers for deriving the requirements and understanding the implementation challenges

**Client: WebMD, New York, USA**

**Role: Automation Lead**

**Span: April 2017 to Dec 2018**

**Tools: SOAP UI, Selenium, Maven, TestNG, Java, Postman**

### **Responsibilities**

- Development of Automation test cases using Selenium Web Driver, Java, TestNG and Maven.
- Responsible for the implementation of Robust Framework, Hybrid Test Automation Framework, using Selenium Web Driver, Selenium IDE, TestNG, Maven and Java.
- Performed Data driven testing using selenium and TestNG functions which reads data from property

and excel files.

- Performed web services testing with SOAP UI by validating request and response for XML, YAML and JSON files.
- Involved in using the web-debugging tools like XPath, Firebug and FirePath to locate elements.
- Development of automated scripts for angular JS applications using Java scripts.
- Experience in Agile methodology with SCRUM Process for the development of the product.
- Performed Firebug/Fire path add-on tools to identify the object's id, name, Xpath, link in the application.
- Performed Data driven testing using selenium WebDriver, TestNG functions and JDBC connections which reads data from scripts using property and XML files.
- Involved in the project testing activities includes test planning, test case creation, documentation, test status, and test case execution.
- Participated in daily stand-up meetings, Sprint planning meetings and Demo meetings and explain the completed tasks and different issues with the team.

**Client: InfoTrax, Orem, Utah**

**Role: Sr QA Engineer**

**Span: Feb 2016 to April 2017**

**Tools: Selenium, Apache HTTP client, Jenkins, Postman, Appium, Java**

### **Responsibilities**

- Developing automation scripts for functional, smoke and regression test cases
- Played an important role in developing and enhancing the Hybrid driven framework for the new version of the product
- Involved in various test management tools like testlink and CI tools like Jenkins with the framework
- Involve in enhancing the framework and functional libraries.
- Maintaining the scripts and updating them if required
- Defined a strategy and metrics for Automation Testing.
- Provide detailed report to the client on the status of the scripts regularly
- Perform Manual testing during the product release
- Reviewing, Modifying and sending the Status Report consisting of the Bug reports, defect logs, effort estimates and the other deliverables along with the summary of the entire work done on a weekly basis to the DM.
- Analyzing, reproducing and reporting the bugs online and keeping a track of them.
- Stabilizing the Testing Process and updating the repository on a daily basis.
- Document, implement, monitor and enforce all processes and procedures for testing as per standards defined by the organization.

**Client: MAG Web Technologies.**

**Role: QA Engineer**

**Span: Jan 2015 – Feb 2016**

### **Responsibilities**

- Developing automation scripts for functional, smoke and regression test cases
- Played an important role in developing and enhancing the Hybrid driven framework for the new version of the product.
- Involve in enhancing the framework and functional libraries.
- Maintaining the scripts and updating them if required
- Provide detailed reports to the client on the status of the scripts regularly.
- Perform Manual testing during the product release.
- Reviewing, Modifying, and sending the Status Report consisting of the Bug reports, defect logs, effort estimates and the other deliverables along with the summary of the entire work done on a weekly basis to manager
- Analyzing, reproducing, and reporting the bugs online and keeping a track of them.
- Stabilizing the Testing Process and updating the repository daily.

- Document, implement, monitor, and enforce all processes and procedures for testing as per standards defined by the organization.
  - Keep track of the new updates and releases by Communicating by means of Chat /emails etc with the Onshore Team regularly.
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