

Senthilkumar Neelamegam Janarthanan

QA

Technical Lead

<https://www.linkedin.com/in/senthilkumar-neelamegam-janarthanan-54a44620/>

H1B visa holder

Profile

- ◆ 15 plus years of IT industry experience encompassing a wide range of skill set, roles, and industry verticals.
- ◆ Comprehensive experience in software development, software sustenance, testing and tools support, have participated in design and analysis activities, created, and executed key product testing in multiple domains - Banking, Insurance, Semiconductor and Medical domains.
- ◆ Proficient in Quality Center/Octane/QTP/UFT/qTest tools support, ALM versions (10/11/12.x), JIRA, Java, Selenium, API Web services, Cucumber, REST Assured, Postman, C++, .NET, Excel macros, VB6/VBA Debugging and UiPath Certified Developer, qTest Specialist Level1 certified.
- ◆ Experience in leading and managing multiple teams with excellent project management and presentation skills. Handled multiple roles - Tools Admin, Test Lead, Software Testing /Automation Consultant, Developer, Test Analyst.

Skill Set

HP/MicroFocus Tools	Quality center/Octane/ALM 10/11.x/12.x Administration , QTP/UFT 9.5/10/11.x,12.x, Load runner, Sprinter, ALM Synchronizer
IBM Tools	Rational clear case, Rational clear quest, Requisite pro, Teradata data stage
Development Tools	Microsoft Visual studio, Aqua Data Studio, Windows debugger, Application verifier, SQL Management Studio, Eclipse/IntelliJ
Functional Modules	Insurance, Data Ware housing, Banking, Semiconductor, Medical - Diabetes Management / pain medication infusion pump system
Languages	VB6.0, C++, VBA, Java, Visual C#.Net, SQL
O/S	Windows XP/7/8/10/11, Windows Server 2003/2005/2008/2012 R2
Project Management	Microsoft Project plan

Education

- Bachelor's in Electronics and Communication Engineering from ANNA University (2002-2006), South India.

Professional Experience & Projects

Sep 21 – Mar 23

QA Automation Engineer-Credit

Suisse, US.

Work location-Morrisville, North Carolina, USA.

Providing application testing and automation test development for Credit risk and securitized project applications. Responsibilities are below-

- Reviewing functional requirements and technical designs to create functional & automated test plans and detailed test cases, as required.
- Working closely with development/business teams to develop and deep understanding of the security/risk applications to ensure detailed test steps are documented.
- Validating the integration, data mapping & validation across multiple internal & external data intensive applications through Palantir Foundry data management platform.
- Through Palantir Foundry, connecting different data repositories and extends them into analytics for reporting and validation.

- Write different expressions and SQL queries to extract data for the associated table conditions.
- Involve in automation framework development (In-house framework called 'Bounty'- Selenium-Java) & automation test solutions for Application Life Cycle Management of the applications involved.
- Creation of feature files for Cucumber BDD automation and customize the step definition class and runner class as needed along with TestNG reporting to support automation activities.
- Automate sanity checks, regression, and functional cases according to sprint timelines.
- Experience in API testing through Postman tool and perform API automation using REST Assured libraries.
- Extract different data validations/path expressions through JSON path evaluator.
- Accountable for managing continuous Integration and deployment through CI/CD along with GitHub, and provide leadership to respective program management.
- Ideate and create best approach & procedures for efficient automated test solution by understanding end to end flow, system architecture, components involved & protocols.
- Assisting the business, pre and post launch and act as first line of triage for any bugs found.
- Troubleshooting and fix the automation suite bugs.
- Following Agile Methodology for each sprint on user stories, tasks, defects using Jira to track the effort and test management.
- Building and maintaining the strong working relationships with project and client teams.

Environment & Tools One Drive, Share point, ALM Octane, Palantir Foundry, SQL Management Studio, Jira, GitHub, Service Now, Selenium-Java, Eclipse/IntelliJ, Postman, REST Assured, JSON path evaluator, Beyond Compare, Confluence; **Team Size** 6.

Oct 19 – Sep 21

METLIFE, US.

North Carolina, USA.

SDET/Automation Technical Lead -

Work location-Cary,

Application/product-Disability Claims Evolution – Provides a single disability claim engine and integrated customer experience across absence, STD, LTD and other multiple claims in MetLife systems. Creating a new claims platform that can administrator all types of levels, faster response to regulatory changes and superb user experience. The purpose of this project is to provide complete end to end testing for integration of existing MetLife application systems with external system to increase customer experience and business growth. Responsibilities are below-

- Analyze, clarify, understand, and review business flows for claim policy creation, customer creation in external system and conduct requirement mapping walkthrough.
- Created and review master test strategy document, test plan, test scenarios, test scripts, and walk through with MetLife business and development teams.
- Prepared estimation for Minor/Major Enhancements on applications and review with stakeholders for the approval of L0 & L1 (Level 0 or Level 1) estimations.
- Provided consulting on the Automation testing tools UFT, Selenium, and develop frameworks for API testing on SOAP UI, Postman for the applications involved in projects and complete proof of concepts for the applications identified.
- Performed Rest API automation testing through Rest Assured Java libraries to test Restful web services for the applications involved.
- Developed automation strategy, automation scripts on Selenium to support disability claim applications. Enhance the coverage for smoke and regression automation cases based on product upgrade activities and debug the issues and fixing it.
- Used Selenium WebDriver for writing scripts and identify various locators such as xpath in Eclipse with/without Maven build tool.
- Customized the framework by configuring POM XMLs with required dependencies (Apache-Poi, Extent report, Sikuli API, Log4j) and build respective utility classes.

- Customized TestNG framework for reporting needs across applications.
- Created Feature Files for Cucumber Automation (BDD) that helps business team to run acceptance criteria and Customize Step Definition Class and Runner Class as needed to support automation activities.
- Used Bitbucket to maintain scripts and Built Bamboo plans for Web UI and Web Service automation suites and achieved continuous integration and Continuous deployment CI/CD.
- Used query surge tool and compare different application DBs across environments for the application involved and extract query results to reporting dashboard for the comparison.
- Set up different work environments (DEV, QA, End to End) for the applications to be tested before test execution and arrange the application access, virtual desktop machines to execute test cases for all testing team members. Review Test Closure report and publish to the MetLife Business stakeholders once testing and sign off received.
- Tracked the execution status for functional, regression, end to end testing with the testing team members and capture test execution results in HP Quality Center(QC)/qTest. Make sure all application logs attached in test execution results. Used Quality center dashboard module to write complex SQL queries to extract data and distribute in the form of excel, word, pdf reports to all stakeholders.
- Through AWS Lambda, perform unit testing on different functions across the modules on Disability claim application.
- Create and configure test events (templates) and test directly from Lambda console by invoking functions to satisfy the business logic testing.
- Post the unit testing, validate against Integration and E2E testing of the application and add the tests into CI/CD pipeline.
- Through Power BI reporting, generated different test/defect/burndown templates for cross capability application artifacts which linked to Quality center.
- Used service now-IT Service Management web platform to raise incidents for disability claim application web services outages, create change requests for deploying code changes in Dev/QA/PROD environment as part of service now process workflow – Automating Service now application using selenium data driven framework for different work flows.
- Provided RPA solutions for end to end MetLife applications, Incident & Change management systems (RPA-UiPath) that includes developing sequences, flow charts, re-usable VB scripts/macros, schedule jobs/process on orchestrator, define robots for the applications , Also Orchestrate and control virtual workforce through UiPath orchestrator and schedule the jobs.
- Involved in Jira and Tricentis qTest admin activities and providing support across test teams; Added project scope/release items on the upcoming cycle projects – creating test suites for cycle runs.

Environment & Tools Share point, Query surge, ALM Quality Center, Micro Focus UFT, Microsoft project plan, Blueprint, Jira 8.13.x (Kanban), Service Now, SOAP UI, Rest Assured, Selenium, Postman, JSON path evaluator, qTest 10.4.x, Microsoft Power BI, RPA-UiPath Studio, VBA, AWS Lambda; **Team Size** 15

Apr 14 – Sep 19 Technical Project Lead-QC/ALM/Jira Administrator /UFT/Automation Tools - METLIFE, US.

Providing complete project admin and testing/development/share point support to all offshore and onsite QC users. Support in automation testing for building framework design and development. Responsibilities are below-

- QC/Jira user, project/workflow maintenance, customization/template creation, roles/permissions – Add user, delete user on QC projects – add project entities – Lists, groups, permissions on QC user projects. Excel add in installation & support for QA team.

- Providing QC/Jira training to new users - Create user training information for QC modules - Requirements, Test Plan, Test Lab, Defects and deliver it to the larger audience.
- Integration between QC/Jira and non-HP products/others and synchronize the data between them.
- Administering share point sites and monitor them based on business requirements – redesign, support maintenance, customization, use scripting wherever required.
- Involve on QC upgrade/site admin activities – site maintenance, data backup, repository clean up, patch upgrade recovery, DB update, restore QC data through SQL management studio.
- Supporting Citrix platform users – adding users on virtual desktop, fixing issues, assign VDI/RDP machines, deploy application/plugin/add-in on Citrix farm.
- Developing utility (macro) for QC deliverable items – Defects, Requirements, Test Plan, Test lab data from QC and conduct archive/purge of QC project data by running VBA excel macro utility and report to client.
- Involved in proof of concept activities- qTest, Rational functional test, RPA-UiPath/Blue prism.
- Develop automation framework design and create regression activities – Selenium, QTP across QA test projects.

Environment & Tools QC 10/11.52/12.53/12.x, Caliber, Rally, Jira, Blueprint Requirements center, QTP/UFT 10/11/12.x, Egg Plant, Selenium, VBA, VB Scripting, SQL, Java, Soap UI, Postman, Web services, ServiceNow, iVanti Desktop Now (Virtualization), Rational functional test; **Team Size** 4

Nov 13 – Apr 14

Automation Test Lead -

Deutsche Bank, US

Application-TESLA; Components-EMDS and DFPS; Both uses different graph data like Dividend curve, Repo/Borrow curve, Yield curve and Correlations. EMDS exposes a web service (SOAP interface) which is used directly by the clients to interact with EMDS server via Data fabric add-in. Keyword/data automation framework has been implemented, and server functions are called inside the test data sheet which interacts with automation script and server data has been validated in an automated way. Responsibilities are below -

- Developed automation framework (keyword/data driven), server data validation along with different test data parameters- Hands-on experience in descriptive programming techniques, reusable components, user defined functions, object repository maintenance, recovery scenarios, error handling mechanisms.
- Involved in identifying the metrics and risk analysis, resource management.
- ALM 11 environment setup, setting up roles/permissions for QC users, workflow customization, QC report, QC process standardization, HP Sprinter usage on testing teams, Integration with various tools like Jira, Caliber and Performed test pilot using TOSCA tool for other applications.

Environment & Tools UFT 11.52, HP ALM 11.0, HP Sprinter 11.0, Jira, Caliber, TOSCA, VBA/VB; **Team Size** 6

Jul 13 – Oct 13
of South Africa

Onshore ETL Test Lead Standard Bank

Work location-Johannesburg, South Africa

Project objective-Extract data from various source systems(the hub), consolidate the data and send the data to authorized target systems.

- Requirement analysis, test plan creation, test case execution, reporting on QC.
- Access to Source and target systems and file validations, Error handling and Audit logs validation
- Central Staging Area database tables, Meta data and ETL jobs validation.
- Testing of Data movement/ comparison from landing to staging area, staging to GSA area loaded using MRI reference tables, ETL jobs and database table validation.
- General Store database tables, Meta data and ETL jobs validation.

Environment & Tools IBM Teradata Data stage, Connect Direct, Aqua Data Studio 4.7, QC 11;
Team Size 5

Jan 12 - Jul 13 Onshore QC Administrator / Automation Tools / Testing Support

Standard Bank of South Africa – Work location-Johannesburg, South Africa

Provided end to end tools and testing support for the entire bank involving more than 5000+ QC users.

Responsibilities are below-

- Upgrading QC 9.2 to 10/11 and associated project data, installing QC on application and database server; Configure servers according to QC patches and, setup environment.
- Build the components to be distributed on user machines after installed the patches on servers.
- Shared repository maintenance and Provide end-user support and technical QC training to all new bank QC users. Supported automation teams by developing framework design and development, technical support for HP products- Load runner, SiteScope.
- QC GUI/Site Admin activities include -project creation, user account add/delete with roles-permission, workflow management, manage template db/project, dashboard user query reporting, license management, restore, backup, user/project cleanup, automated server space report to admin mail box.
- Explored on ALM synchronizer and successfully integrated Requisite Pro (IBM product) and QC 11 and mapped parameters/field values between both tools.
- Logged HP tickets whenever finding the issues on QC, explore user scenarios and give feedback to HP to submit enhancements and test new features/bug fixes in later patches of QC.

Environment & Tools QC 9.2/10/11, QTP 10/11, SQL Management Studio - SQL server 2005/2008, Load runner and SiteScope, VBA, VB; **Team Size** 4

Jun 10 - Dec 11 Automation Test Lead - Zurich North America, US

Objective – Upgrade QTP 7.31 to QTP 9.5 / QTP 10, load in QC9.2

Roles and responsibilities are below -

- Created data driven automation framework, developed test scripts, utility functions, re-usable test components and automated business transactions like release cost center, profit center, etc., and added to the regression suite, and script maintenance.
- SAP module functional gaps, functionality failures found by regression testing is reported to respective SAP team and re-execute the changes in script.

Environment & Tools QTP 10/11, Test Director, QC 10/11, VB/VBA, SAP Functional modules - FICO and FSCD; **Team Size** 10

Apr 10 - May 10 Test Lead - LIFESCAN (J&J), US.

Application-Ultraplus - Diabetes Management Software (DMS) (glucose monitoring system) - It downloads data from the meter and stores into DB, analyze report maintenance. Roles and responsibilities are below -

- GUI design/event handling, written test cases for - unit level, functional and integration testing. Prepare and executing test protocols (Formal run) for DMS application.
- Automation of DMS GUI using QTP tool and manage defect open issues.

Environment & Tools VB6.0, MS-Access, SQL Server 2005, Serena Tracker, QTP; **Team Size** 10

**Mar 10 - Apr 10
Baxter, US.**

Test Analyst - Vidamed System -

Application-Vidamed (infusion pump for pain medication) - controls the interaction and data between the users and pump controller. Roles and responsibilities are below -

- Requirement Analysis and gathering, Application and subsystem analysis.
- Test case design/development, Formal Dry run of TC's and identifies the defects in software.

Environment & Tools C#.Net, Dock light, Microsoft Active Sync and PC COMM Test, Bender RBT, Source Insight, QC, DOORS. **Team Size** 7

Jan 07 - Feb 10
US.

Tester/Developer IGXL Product - Teradyne,

Application-IG-XL- "Interactive Graphical excel" ATE Software developed by the Integra Test Division at Teradyne (component-based architecture); Testers- J750 and FLEX are used to test digital devices. Pattern Tool is used to display and edit vector patterns containing digital test vectors and 'pattern-controlled instrument' commands. D750Ex is an upgraded J750 tester with instrumentation for LCD testing. Product testing has been performed across various integration devices which connects to testers. Responsibilities are below-

- GUI design/event handling, Unit Testing, Test case design, development, execution, defect reporting-unit level, functional and integration testing as per UIS and SRS.
- Automation of the test programs, adding to regression suite and test report generation on completion of testing, maintaining and fixing bugs in the Pattern Tool area as a developer.

Environment & Tools C++, Visual C++, VB6.0, VBA, ATL/COM, C# .Net, Application Verifier and Win debugger, IBM Rational Clear Quest; **Team Size** 10

Senthilkumar Neelamegam Janarthanan

- Morrisville, NC, US

Contact Information

- vy2-jd3-j72@mail.dice.com
- 9195273758

Summary

16 plus years of IT industry experience encompassing a wide range of skill set, roles, and industry verticals. Comprehensive experience in software development, software sustenance, testing and tools support, have participated in design and analysis activities, created, and executed key product testing in multiple domains - Banking, Insurance, Semiconductor and Medical domains. Proficient in Quality Center, OctaneQ, TPUFT, qTest tools support, ALM versions (10.11.12.x), JIRA, Java, Selenium, API Web services, Cucumber, REST Assured, Postman, C++, .NET, Excel macros, VB6/VBA Debugging and UiPath Certified Developer, qTest Specialist Level 1 certified. Experience in leading and managing multiple teams with excellent project management and presentation skills. Handled multiple roles - Tools Admin, Test Lead, Software Testing Automation Consultant, Developer, Test Analyst.

Work History

Total Work Experience: 18 years

- **QA Automation Engineer E-Business Intl Inc./Credit Suisse**
Sep 01, 2021
- **Automation Test Specialist IBM India Pvt. Ltd**
Apr 01, 2014
- **Sr Software Engineer Wipro Technologies**
May 01, 2010

- **Member Technical Staff HCL Technologies**

Dec 01, 2006

Education

- **High School** | VHN Higher Secondary School
- **Anna University**

Skills

- **java** - 48 years
- **selenium** - 48 years
- **sql** - 36 years
- **postman** - 24 years
- **octane** - 12 years
- **git** - 5 years
- **.net**
- **agile methodologies**
- **alm**
- **blueprint**
- **c**
- **c#**
- **caliber**
- **clearcase**
- **eggplant**
- **eggplant** automation
- **java enterprise edition**
- **jira**
- **manual testing**
- **microsoft sql server**
- **oracle**
- **plsql**
- **qtp**
- **quality center**
- **requirements analysis**
- **requisitepro**
- **ruby**
- **sap r3**
- **software project management**

- **system testing**
- **test automation**
- **test management**
- **test planning**
- **testing**
- **unix**
- **user acceptance testing**
- **vbscript**
- **visual basic**
- **visual studio**
- **vss**
- **web services**
- **xml**
- **rest assured api testing** - 24 years
- **vba** - 7 years
- **uft** - 6 years
- **jenkins** - 2 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: False
- Willing to Relocate: True
- Travel Preference: 75%
- Work Authorization:
 - US
- Work Documents:
 - Have H1 Visa
- Security Clearance: False
- Third Party: False
- Employment Type:
 - Full-time
 - Contract - Corp-to-Corp
 - Contract - W2
 - Contract to Hire - Corp-to-Corp
 - Contract to Hire - W2

Profile Sources

- linkedin: <https://www.linkedin.com/in/senthilkumar-neelamegam-janarthanan-54a44620>
- twitter: <https://twitter.com/neelsen85>

- linkedin: <https://linkedin.com/in/senthilkumar-janarthanan-54a44620>
- Dice: <https://www.dice.com/employer/talent/profile/4fb01348367f6967487ebaff7651172e>