

# Rohini Tilakam Thyagarajan

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Rohini Thyagarajan | LinkedIn

## SOFTWARE TESTING | TEAM LEAD

### EXPERTISE

Automation Testing  
Manual Testing  
Team Management  
Python  
SQL  
Snowflake  
MySQL  
Sequel Pro  
Great Expectation  
TestComplete  
Selenium WebDriver  
Maven-POM  
Serenity BDD  
Postman  
TestFlight-Xcode  
VirtualBox  
AWS S3/Device farm  
Agile  
JIRA  
GitLab  
HP Quality Center  
Visual Studio App Center  
Requirement Analysis  
Planning & Execution  
Test Case design

### PROFILE SUMMARY

- ◆ Proficient in Functional, Automation Testing, Regression, API (Postman), Mobile, Blockchain, Data, and Sanity.
- ◆ Hands-on experience with test automation tools, such as Great Expectations, TestComplete and Selenium.
- ◆ Demonstrated expertise in developing and maintaining automated test scripts, increasing the test efficiency and accuracy.
- ◆ Proven ability to effectively lead and mentor cross-functional teams, enhancing team performance and product delivery.
- ◆ Effective communicator with a track record of collaborating with cross-functional teams and stakeholders.
- ◆ Proficient in Test Management and Defect Tracking tools, facilitating organized and efficient testing processes..
- ◆ Expertise in test planning, test case design and test execution, resulting in the identification and resolution of critical issues.
- ◆ Strong background in Agile methodologies.
- ◆ Exceptional problem-solving skills with a keen eye for intricate defects
- ◆ Experienced in conducting usability testing and providing valuable feedback for enhancing the user experience.
- ◆ Committed to staying updated with the latest industry trends and technologies in software testing to continually enhance skills and deliver effective testing solutions.

### Professional Experience:

#### Senior QA Engineer | Feb 2021 - Sep 2023



Project: NIQ (DAAS)- Great Expectation, Snowflake, AWS

- Explored and implemented Great Expectations (GE) and utilized the tool to perform data completeness checks, ensuring data quality and accuracy.
- Conducted end-to-end testing for data-as-a-service, ensuring data integrity.
- Developed data validation scripts in Great Expectations for monthly API returns from NIQ.
- Developed scripts in Great Expectations for weekly and monthly data deliveries, streamlining data validation procedures.
- Collaborated with the team to enhance data delivery checkpoints and ensure the timely and accurate delivery of data.

Project: Local Key Account (Retail)- Test Complete, Snowflake, AWS

- Established comprehensive frameworks for manual and automation data testing.
- Validate both logic and data validation before and after the ETL process.
- Integrated shift-left testing into the data delivery process for onboarded stores.
- Explored and successfully implemented TestComplete for the weekly data delivery process from onboarded stores.
- Mentored the team in data testing and introduced automation practices using TestComplete.
- Collaborated closely with cross-functional teams to align testing efforts with business objectives.
- Continuously improved testing methodologies to adapt to evolving data requirements.

Project: Connect App (Retail)-AWS Device Farm, Snowflake, Mysql, PWA

- Led the creation of a meticulous test document and guided team in performing exhaustive functional testing, regression testing for the Progressive Web App (PWA)
- Conducted comprehensive functional testing, regression testing, usability testing and Progressive Web App testing.
- Conducted usability testing for PWAs, gathering user feedback and making necessary improvements to enhance user satisfaction.

- Rigorously tested the offline functionality of PWAs, ensuring that users could seamlessly access and interact with app content even without an internet connection.
- Proficiently tested PWAs on a wide range of mobile devices, screen sizes and resolutions, ensuring optimal user experiences across the mobile landscape.
- Collaborated with development teams to identify and address performance bottlenecks in PWAs, resulting in faster loading times and improved responsiveness.



## QA Tester | Jan 2017 - Nov 2020

Projects: Various Affiliate Marketing Projects (Cryptocurrency/Marketplace)-Sequel Pro,Postman,GitLab

- Conducted end-to-end testing independently, involving the construction of comprehensive affiliate networks and the implementation of multi-level bonus calculations.
- Performed exploratory, functional, regression, and API testing across multiple affiliate marketing projects.
- Conducted Blockchain Testing for cryptocurrencies (BTC, USDT, ETH) and Exchange Marketplaces.
- Met rigorous deadlines while ensuring adherence to all required standards.
- Developed and executed test cases creation for critical and edge case scenarios.
- Collaborated with developers to resolve issues, ensuring product quality.

Project: Zazz (Web and Mobile) (Hotel Management)-Selenium Webdriver, Postman,Xcode,TestFlight,Github

- Performed API and Functional Testing for both Web (Admin) and Mobile (Guest App and Staff).
- Conducted regression testing for every new build for iOS and Android.
- Ensured applications' compatibility on different browser versions.
- Prepared test cases using requirement specifications and provided status reports.
- Utilized GitLab for issue tracking and reporting.
- Provided ongoing support for the resolution of post-release issues and defects fix.

Project: ArrowMii (Web and Mobile) (Hotel Management)- Selenium Webdriver, Postman,VirtualBox,TestFlight

- Conducted Functional and Regression Testing for both Web (Admin, HR, HO, ES, Part-timer) and Mobile (Arrowmii-Part-timer, ES App).
- Performed API testing using Postman before UI testing readiness.
- Utilized Xcode for mobile simulator testing to expedite testing and address bugs.
- Collaborated closely with cross-functional teams, including developers and product managers, to understand feature requirements and ensure comprehensive test coverage.
- Conducted exploratory testing to identify usability issues and reported them for improvements.
- Implemented automation scripts using selenium webdriver to ensure basic functions work correctly after changes or bug fixes. These scripts were executed after each new release as a sanity check.
- Tested applications for compatibility across different browser versions.



## Software Tester | Aug 2016 - Dec 2016

Project: P4M3 SQA (Consumer Product)

- Involved in test case preparation and updates.
- Performed device firmware testing and life statistics tests.
- Utilized SCP command manager for secure file transfers.
- Executed all test cases and reported defects using HP QC.



## Test Engineer | March 2013 - Nov 2013

*Completed software testing training program in Mysore*

Project: Finacle for Loan Applications (Banking)

- Involved in test case preparation and review for core banking application project testing.
- Performed Functional testing and Regression testing.
- Logged and tracked issues using HP Quality Center.

**Education:** BE | Sri Ramakrishna College of Engineering (Affiliated to Anna University Coimbatore), India

## Personal Details:

- Date of Birth: 11-Sep-1990
- Marital Status: Married