Antony Sagaya Raj, Mariya Raj

Senior QA Automation Engineer | Test Automation Lead

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Professional Summary

Results-driven Senior Quality Assurance Engineer with over 13 years of experience in functional, integration, end-to-end (E2E), UAT, database testing, web automation testing, and test data management, with deep domain expertise in Property & Casualty Insurance. Proven ability to design scalable automation frameworks (Web & API), integrate testing into CI/CD pipelines, and lead enterprise QA efforts in Agile environments. Adept at Playwright, Cypress, Selenium, Postman, and Azure DevOps.

Core Competencies

- End-to-End Test Automation (Playwright, Cypress, Selenium WebdriverIO)
- API Testing (Postman, REST, JSON/XML)
- CI/CD Integration (Azure DevOps, GitLab)
- Programming: JavaScript, Node.js
- Test Strategy & Leadership
- Agile (Scrum/Kanban) | Test Data Management | Secure QA Practices

Professional Experience

Senior Quality Assurance Engineer

Cognizant Technology Solutions – Mississauga, ON (May 2011 – Present)

- Lead automation efforts using Playwright and C#-based frameworks across multiple enterprise projects.
- Designed and maintained automated test suites for UI and API testing using tools like Playwright, Cypress and WebdriverIO.
- Integrated automated test suites into CI/CD pipelines using Azure DevOps and GitLab, accelerating release feedback cycles.
- Monitored test environments and infrastructure readiness to support continuous integration and testing.
- Collaborated with cross-functional teams and managed defect lifecycle using Jira and ADO.
- Trained QA teams on secure coding and testing practices, ensuring regulatory compliance and product reliability.

Key Projects

Intact / Canada Life Insurance (2023–present)
- Developed automation frameworks using Playwright, JavaScript, and Node.js.
- Built reusable API and UI tests and integrated with CI pipelines for regression testing.
- Used Postman for policy request automation (XML/JSON).

Liberty Mutual Insurance (2022–2023)
- Led QA for Guidewire ClaimCenter v10 upgrade; defined and executed test strategy, including integration, E2E, and regression testing.
- Created reusable test plans and documented technical procedures.
- Reported metrics on quality KPIs and defect trends to stakeholders.

CUNA Mutual / Northwestern Mutual (2015–2022)
- Designed automation suites using Selenium, WebdriverIO, JavaScript, and C#.
- Built and executed SOAP API validations using SoapUI and integrated tests in CI/CD using Azure DevOps.
- Led defect triage and quality gate metrics reporting.

Education

Post Graduate Program – Data Science & Business Analytics, Great Lakes & University of Texas

Bachelor of Technology – Information Technology, Anna University, India

Certifications
- Microsoft Certified: Azure AI Engineer Associate
- ISTQB Foundation Level
- Certified Scrum Master (CSM) – Scrum Alliance
- Generative AI for Software Testing – Udemy (2024)
- INS21 – Property and Liability Insurance Principles
- Azure Fundamentals | AI Fundamentals | Data Fundamentals | Azure Admin Associate

Technical Skills

Automation: Playwright, Cypress, Selenium, WebdriverIO

API Testing: Postman, REST, XML/JSON

Languages: JavaScript, TypeScript, Node.js

CI/CD & Cloud: Azure DevOps, GitLab, AWS, Azure

Test Management: Azure ADO,Jira, XRAY, ALM, TestRail

Domains: Insurance (P&C), Claims, Investment