

Allan Rodney Thomas



Julius-Ficker-Straße 94/2/59, 1220,

Wien, Austria



+4369917386675



allanrodneythomas@gmail.com



Skype allanrodneythomas



Summary

Experienced Senior Test Automation Engineer with 14+ years of delivering high-quality software through advanced test automation, QA strategy, and cross-functional collaboration. Specialized in developing scalable, modular test frameworks using Python, C#, and BDD/TDD methodologies (SpecFlow, NUnit, MSTest). Proficient in automating UI, REST API, and performance tests across modern and legacy platforms, including web and desktop (WPF), using tools such as Selenium, Ranorex, Protractor, Cypress, Playwright, and Tosca. Skilled in aligning QA processes with Agile/Scrum practices and implementing robust CI/CD pipelines using TeamCity and Azure DevOps. Recognized for leading framework initiatives, mentoring QA teams, and improving test lifecycle efficiency. Strong in test architecture design, automation strategy, and delivering consistent, maintainable, and scalable solutions in fast-paced development environments.

Technologies and Frameworks

- ✓ **Testing Framework & Tools** - Selenium Web Driver 2.4, 3.0,4.0, Protractor, Cypress, Ranorex 5.3, - 12, Tosca, Telerik, UFT, TestStack White 0.12, WinAppDriver, SpecFlow, MSTest, NUnit and Playwright.
- ✓ **CI/CD**: Azure DevOps, TFS, TeamCity, Jenkins.
- ✓ **Languages**: C#, Python, Java, JavaScript, Gherkin.
- ✓ **Source Control**: GitLab, Git.
- ✓ **Performance Testing**: JMeter, WebLOAD.
- ✓ **API Testing**: Postman, SOAP UI, Rest Client.
- ✓ **Operating Systems**: Windows (All), Server 2019/2022, Unix.
- ✓ **Databases**: MS SQL Server 2019/2022.
- ✓ **Test Management**: MTM (Microsoft Test Manager), Jira, Quality. Code beamer.
- ✓ **Tools & Utilities** - IBM WebSphere (MQ), Rabbit MQ.
- ✓ **Editors**- VS 2015/22, VSCode, Stylus Studio.

Certifications

ISTQB Certificate

PRINCE2 Foundation Certificate

PRINCE2 Practitioner Certificate

Education

Bachelor of Technology in Computer Science from Jawaharlal Nehru Technological University, India
with First Division – 2007

Awards

- ✓ Awarded in Jan 2016 for delivering business critical feature at IAEA, Vienna.
- ✓ Certificate of Appreciation for exceptional work beyond expectation on CDMS and Seals Working Paper - Feb 2017.
- ✓ Awarded twice Employee of the Month for initiating and completing Test Automation using Ranorex and Protractor in Continuous Integration System.
- ✓ Awarded several Spot awards and Certificate of appreciation during the tenure in Dell.

Experience

Senior Test Automation Engineer | Festo Automation GmbH, Vienna, Austria | May 2024 – Present

- ✓ Developed a scalable Python-based automation framework using a custom C# wrapper for Ranorex to test WPF applications.
- ✓ Automated complex workflows in WPF-based industrial software, validating real-time device interactions, firmware installation, and topology operations in both lab and virtual setups.
- ✓ Created and executed REST API automation tests using Swagger-defined endpoints to simulate real device operations like turn_on, turn_off, install_firmware, add_device, and validate backend controller behavior.
- ✓ Optimized the test case lifecycle to align with Agile practices, ensuring smooth handoff from analysts to automation, with peer reviews, code integration, and CI execution via TeamCity.
- ✓ Automated end-to-end test execution within TeamCity CI/CD pipelines, using dynamic parameters, environment variables, and conditional logic for VirtualBox snapshot management.
- ✓ Evaluated and piloted AI/ML-based automation enhancements to support self-healing test scripts and intelligent test case selection based on historical failures.
- ✓ Designed modular RxPath object repositories in JSON, improving maintainability and element identification stability across product versions.
- ✓ Collaborated with developers to embed automation properties (e.g., Automation ID, accessibility tags) into the application code, streamlining RxPath reliability.
- ✓ Designed Power BI dashboards to visualize sprint-wise test case coverage, pass/fail trends, and execution summaries.
- ✓ Contributed to test strategy, story estimation, Scrum ceremonies, and QA alignment across the Electric Automation competency center.
- ✓ Hands-on testing experience with CoDeSys controls for embedded device behavior, including bench-top simulation of firmware installation, diagnostics, and field device interactions.
- ✓ Contributed to internal test automation documentation and provided peer reviews for new test case designs, wrapper enhancements, and CI improvements.
- ✓ Implemented advanced debugging and failure analysis for nightly runs, reducing false positives and helping the team quickly isolate flaky or environment-specific failures.

*Senior Quality Assurance Automation Engineer | International Atomic Energy Agency (IAEA), Vienna
| Feb 2015 – April 2024*

- ✓ Designing Automation Frameworks for various Web based and WPF applications with tools such as Selenium, Protractor, Cypress, Ranorex, Telerik, UFT, Test Complete, Test Stack White, Tosca, WinAppDriver and Coded UI.
- ✓ Writing Automation test scripts using C#, Java, JavaScript, Gherkin.
- ✓ Created Automation tests using BDD approach with SpecFlow and Data-Driven approach with Page Object model design pattern.
- ✓ Writing BDD scenarios using Cucumber in a consistent and structured way.
- ✓ Automating release configuration in TFS for nightly deployment process to run on Client Agent.
- ✓ Evaluated different Test Automation tools for the projects which I worked on such as Ranorex, Test Stack White, WinAppDriver and Coded UI for WPF applications and for Web Applications using Selenium, Tosca, cypress, Test Complete, Telerik and Protractor.
- ✓ Created automated Performance tests for Sharepoint reports and Web applications using WebLOAD and JMeter.
- ✓ UI Automation with Selenium using NUnit, MSTest and SpecFlow frameworks.
- ✓ Configuring Release pipeline and stages for the Automation tests to run nightly and on Demand on build server.
- ✓ Other tasks include requirement analysis, test strategy, test planning and estimation and test plan review.
- ✓ Writing test scenarios, detailed test cases, E2E test cases, Integration testing and UAT.
- ✓ Automated Asynchronous Web application by handling, scheduling and running the Hangfire jobs.
- ✓ Developed Test Automation Frameworks using Selenium and Protractor for application build with frontend Ember.js and AngularJS.
- ✓ API Testing using Rest Client, Postman and SOAP UI.
- ✓ Experience with writing complex SQL queries.
- ✓ Experience in Agile Scrum methodology and Kanban.
- ✓ Knowledge and experience in Azure DevOps related to test automation. Setting up client agent, configuring release pipeline and running automation tests on build server.
- ✓ Continuous Integration with TFS, Release Manager and also with Git and Jenkins for Test Automation.
- ✓ Functional and Regression Testing with Bug Reporting using Tosca, Test Manager (MTM) and Jira.

Software Test Lead | Infotech Enterprises | Jan 2014 – Jul 2014

Project Name: One World Sync (Cologne, Germany)

Domain: Product Data Management (PDM)

- ✓ Manage and lead a team of Software Quality Engineers.
- ✓ Review test deliverables, defects and test results completed by test team.
- ✓ Created presentation documents and guidance materials on the automation framework.
- ✓ Developed Automation Framework using UFT(QTP).
- ✓ Resolving issues from the QA team regarding Test Automation.
- ✓ Collect metrics based on overall testing statistics, Work allocation to testers and query resolution.
- ✓ Develops process improvement plans using a variety of quality and Continuous Process Improvement tools.
- ✓ Developed POC for Sugar CRM application.
- ✓ Liaised with business analysts and manual test team to perform risk analysis and assessment associated with automation testing.
- ✓ Conducted manual and automation acceptance testing for each release cycle and patch release.
- ✓ Identify risks and provide mitigation plan.
- ✓ Improve quality assurance to increase throughput, improve quality, and continuously improve the testing processes.

Test Engineer | Dell E2E Applications (Dell International Services) | Feb 2011 – Jan 2014

Project Name: Dell E2E

Applications (OFS,FOOE)

Domain: Supply Chain

- ✓ Module lead for QA related activities and QA engineers in the project worked.
- ✓ Attend planning phase calls, reviews and provide inputs for SRS and TDS documents.
- ✓ Performed XML validations, DB validations and MQ validations.
- ✓ Created automated test scripts for regression test cases using QTP 10.0 and Coded UI.
- ✓ Prepare Requirement Traceability Matrix.
- ✓ Worked on Oracle's BPEL SOA suite and web service testing using various tools such as SOAP UI and Rest Client.
- ✓ Designing Test Cases, execution of test cases, preparing test execution reports and defect tracking using Test management tools i.e. Quality Center and MTM.
- ✓ Created Test Automation Framework for E2E Supply Chain application using Coded UI in C#.
- ✓ Write Test specification, High level scenarios and provide Test estimates.
- ✓ Coordinate with business for UAT (User Acceptance Team) and VIT (Vendor Integration Team.)

Software Test Engineer | (Endos Info Technologies) | Mar 2009 – Jan 2011

Project Name: Electronic Health Records

Domain: Health Care

- ✓ Designing and execution of test cases.
- ✓ Running Automated scripts for regression test cases in QTP.
- ✓ Expanded manual and automated testing to cover newly created functionalities.
- ✓ Created test scripts using VB script (Descriptive programming) in QTP.
- ✓ Performed Web Services testing using SoapUI.
- ✓ Write high level test scenarios, prepare test data for test

System Engineer | (JCG Enterprises) | Jul 2007 – Jan 2009

- ✓ Manage office systems i.e. Network and system maintenance.
- ✓ Install and configure Modems, Switches, Router and Wireless Connection
- ✓ Implement group policies like delegating controls, user profiles, lock/unlock user account

Other Details

Date of Birth	08 Nov 1985
Nationality	Indian
Marital Status	Married
Linked-In	https://www.linkedin.com/in/allan-thomas-943a6066/
Visa Status	RWR Plus card
Current Address	Julius-Ficker-Strasse 94/2/59, 1220, Vienna, Austria