

PROJECT ROLES

Test Automation
QA/QC Lead
QA/QC Analyst

TOOLS/METHODOLOGIES

Ruby/RSpec/Capybara
Java/Gage/Cucumber
Groovy/Spock
SQL
Oracle SQL Developer
HP Quality Center
HP Screen Recorder
HTML
XML
JavaScript
SOAPUI
.NET
PeopleSoft Test Framework
QuickTestPro
JMeter
Fiddler
Agile / VersionOne
Waterfall

INDUSTRY EXPERIENCE

Education
Insurance
Industrial Design
Mortgage

EDUCATION/CERTIFICATION

B.S. Information Technology
– Capella University

CANDIDATE SUMMARY

Accomplished Test Professional with 15+ years of experience as a Senior QA, providing expert opinion, planning, mentoring, leadership, and innovation. Avid researcher to adapt and adopt new tools and techniques to improve QA practice. Excellent communication skills with business and technical users.

DEMONSTRATED SKILLS AND ACCOUNTABILITIES

- 13+ years performing Quality Assurance and Control. Passionate about improving processes to be more efficient and effective.
- Created a custom test framework that enforces best programming patterns while exploiting new technology which allows the whole team (including non-programmers) to write, execute and maintain tests.
- Proficient in testing web applications: PeopleSoft (CRM, HR, FIN, ELM, Portal), Taleo, Benefitfocus, TouchNet, Responsys (email marketing), lead mgmt., and many custom applications.
- Agile mentor for Scrum and Kanban. Strong advocate of agile and collaboration.

EXPERIENCE HIGHLIGHTS

- Lead a quality assurance community of practice group to define standard templates, processes, and share experiences (eight years).
- Developed a test automation framework using open source Ruby (libraries), Selenium, Notepad++, GitLab, and PowerShell.
- Implemented the test automation processes for smoke testing new environments after refresh, builds, and upgrades. Am working on a variation to shift testing earlier in sprint cycle, using a Test Driven Development approach (adding Cucumber to the framework).
- Advocate for Agile methodology. Mentor for VersionOne usage.
- Administrate Quality Center and ALM related tools (Screen recorder, Sprinter)
- Have used specialized tools for specific projects: JMeter for both performance and functional testing below the UI, browser performance test tool, Soap UI, Fiddler, LDAP, Putty, FileZilla, Eclipse, DreamWeaver, Photoshop, QTP, Firefox Addins, Unix, Shell scripts, VisualBasic, Perl, etc.
- Use Microsoft Office, SharePoint, and Adobe Connect on a regular basis.

Contract Quality Analyst March 2017 – July 2018

Pearson

- Testing enhancements and defect fixes of the web-based exam system.
- Manually tested stories then Automated regression tests using Gage BDD.
- Used IntelliJ and Git on a daily basis. Implemented some test features in Java.
- Regression manually tested the desktop exam system and JAWS system.
- Wrote test scenarios and defects in VersionOne on a daily basis.
- Tracked Scrum and Kanban projects in VersionOne on a daily basis.
- Tested UI for color, readability, keyboard shortcuts, mouse behavior, and timing.
- Read story, developed lists of test scenarios and reviewed them with BA and Dev the next day.
- Participated in daily 15 minute Stand Up meetings, bi-weekly planning meetings, and bi-weekly retrospective
- Demonstrated soon to launch features to department every few weeks.

Senior Quality Analyst December 2003 – March 2017

Capella University

- Lead a quality assurance effort for large and important projects.
- Support 6 developers and 6 business analysts that support Academic, Payroll, HR, Talent Mgmt, Training, Finance (expense, procurement, and asset mgmt.), and Customer Mgmt.
- Selected and implemented test tools used for automated testing.
- Designed test automation architecture using open source tools with modern best practices.
- Trained team members to create and execute automated tests.
- Prototyped PeopleSoft Test Framework 8.51 in 2014 (blogged about it in ITToolbox.com)
- Implementing Peoplesoft Test Framework 8.54 currently.
- Mentor all QA members in a support group.
- Participate on guidance team to promote Agile methodology and best practices.
- Make presentations to the organization to educate teams on testing practices.
- Work with project managers, business analysts and manual testers to improve processes.
- Created a documentation library for all QA related material on SharePoint.
- Documented processes for teams to work with offshore testers.
- Worked with DevOps to develop CI automated smoke tests for new environment validation.
- Wrote many test document templates, processes, and standards.
- Conducted Risk Assessment Workshops in the past but not as relevant in Agile.
- Used to test Courseroom and Learner Campus.
- Edited two graduate courses

Software Test Consultant April 2003 - July 2003

Wells Fargo

- Collaborated with remote development team to integrate mainframes using XML Mortgage Factory
- Tracked testing progress and defects until closed in TestDirector
- Executed processes and validated XML
- Reviewed requirements and wrote test cases. Tracked coverage in TestDirector.

Build Coordinator October 1996 - December 2002

The Boeing Company

Eric Thomson

- Release coordinator for the CATIA Engineering CAD System Support Group.
- Reviewed developer's code, installation notes, and unit tests. Installed and tested code in a lab environment. Wrote test and install scripts in Korn shell (AIX operating system).
- Reported defects and tracked resolution of conflicts with other packages to be included in the same launch.
- Managed the test environment, testers, defects, and status communication during UAT.
- Recommended practice changes to improve testing.
- Completed final release packages and delivered to the Configuration Management group for deployment in production. Managed issues during the release process.
- Managed 3rd tier support for production tickets using ClearCase.
- Managed the Magellen Spaceball peripheral for 3D design. Tested new software versions for the manufacturer, documented defects. They didn't release the gold copy until I passed testing at Boeing. Educated engineers in its use and conducted usability testing in an observation lab with stress sensors on their hand and forearm.
- Owned several processes which required annual review and continuous process improvement. We achieved CMM level 3 in two years.
- Wrote two programs in Perl/CGI: Defect Tracker for our team; Decision Tracker for the early concept of the 787.

Other Skills and Activities

- Longtime active member of Twin Cities Quality Assurance Association.
- Attend TC-TAG meetings for test automation and Dev Jam sessions for Agile.
- Webmaster and board member for the Minneapolis Dahlia Society.
- Created websites for three small businesses.
- Read books on related subjects, subscribe to several podcasts, and am writing a book on test automation.

Other Training and Education

International Institute for Software Testing

CSTP, Software Test Professional, 2006 - 2009

Seattle Pacific University, 2001 – 2003

Took C++ Programming, Data Structures, and Object Oriented Programming classes.

University of Washington

Certificate, Visual Basic Programming Certificate, 2000 - 2001

Certificate, Software Quality Assurance and Testing, 1999 – 2000

Certificate, Perl Programming Certificate, 1998 – 1999

IBM Training

Object Oriented Programming and Unified Modeling Language

Linux, UX/ AIX , Perl and Korn Shell programming

Networking and Security courses

Windows application packaging tools

Twin Cities Quality Assurance Association

Selenium Test Automation 2014

Quick Test Pro 9.2 Certificate 2010

Social Media

<https://www.linkedin.com/in/erictomson>