

Scott Mollon

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scottmollon.com



I have tested and automated...

Enterprise web BIM, Enterprise web PLM, REST and .Net API, Web and Desktop Client and Server PDM and , 2D & 3D Desktop CAD applications

Automation...

Protractor, Selenium, JMeter, Jasmine, Cucumberjs, TestNG, SilkTest

Languages...

JavaScript, Java, HTML, CSS, PHP, C#

Libraries...

Knockout.js, Restify, Bootstrap, Node.js, MySQL, jQuery, Angular

Applications...

Git, NetBeans, PostMan, Jenkins, Jira, Confluence, SourceTree, WordPress, AWS S3 and EC2, Windows, Linux, Mac, VMWare and VirtualBox

Skills...

Test Methodology, Automated Testing, Defect Triage and Prioritization, Tools Creation, Team Management (Remote and Local), Team Training, Customer Support

Software Professional with experience in all roles and phases of the development process including quality assurance, product management, team management, software development, manual and automated software validation, software design, tools creation, technical documentation, and support. Recognized for commitment to supporting customers and to understanding their use of the software in order to improve usability, test validation, and provide a better product. Thrives on learning new things and putting them to use.

INVICARA, INC.

Director of Quality Assurance
Director of QA and Product Management
Quality Manager

Ann Arbor, MI

Aug. 2016 - Present
May 2017 - May 2018
July 2014 - July 2016

- Built a QA team in Chennai, India from the ground up, recognized by the entire company for its expertise.
- Responsible for defining all QA processes, tools and direction.
- Created a Protractor and Jasmine framework for UI testing. Also automated an early Rails front end with Selenium and TestNG.
- Automated REST API with JMeter for functional and load tests.
- Guided product development by ensuring usability, testability, and supportability requirements were met.
- Data Controller for the development team regarding GDPR and personal data.
- Created an internal web application to allow Product Management to easily visualize and manage a 13000+ entry dictionary of items, all their relationships, and identity information.
- Created a public tool (BIM Assure Share) to allow creation, backup, and portability of BIM Assure data and project settings.
- Managed Jenkins, and defined and implemented Jenkins development builds and test architecture, as well as creating prototype Jenkins instances to prove out all changes.
- Created an internal tool that extracts anonymous usage data to surface customer usage patterns and feature adoption, to help guide Product Management roadmap and QA test strategy.
- Partnered with Application Services to inject an understanding of customer engagements and services contacts into development planning.
- Presented new features to users and partners in early feedback sessions to get feedback on new functionality.
- Gathered requirements from prospective users, existing users, internal stakeholders, and various industry standards, and translated them into technical requirements.
- Participated in development team Sprints representing the requirements and users throughout the development process..
- Developed product feature pipelines and release schedules in conjunction with CEO, CPO, and Director of Development.
- Managed a team of three product managers in Chennai, India.

Education

University of Michigan

Ann Arbor, MI
1995 - 2000
Bachelor of Arts in English
Significant work toward a CS degree

Schoolcraft College

Livonia, MI
2011 - 2013
Associate's in Programming
Dean's List

Projects

Quality Assurance Manual Test Skills Interview Test

Created to help assess the manual test abilities of those applying for a QA role. A web application containing a set of known bugs ranging from "easy to find" to "difficult to find".
qatest.scottmollon.com

Learn JMeter for QA Blog

Tired of trying to piece together information from the multitude of sources online to figure out how to get things done in JMeter? Want to learn by actually using JMeter and a test API that provides real responses?
scottmollon.com/learnjmeter/

Awards

PLM Hackathon - Best Branding

2012 Autodesk University Incentive Award

AUTODESK, INC.

QA Manager
SQA Engineer/Tech Lead
SQA Engineer

Novi, MI

April 2012 - July 2014
Jan. 2001 - April 2012
Jan. 2000 - Nov. 2000

- Reported to Director of Development as the voice of quality for all Vault desktop and PLM cloud products.
- Created and coordinated QA schedules, build schedules, Beta releases, and release readiness, often in conjunction with other product teams and localization, to ensure projects met release dates at high levels of quality.
- Chaired "Go-No Go" meetings with Senior VPs and Directors, to present quality status of software releases in order to gain executive sign-off on new releases.
- Led a QA and Test Automation team located in Novi, MI and Shanghai, Singapore, Uruguay, and Canada, ranging in size from 20 to 50+ people, ensuring the highest quality of two product lines with two different delivery schedules, development teams, and sets of functionality.
- Trained a ten person QA team while residing in Shanghai for three months resulting in improved communication, efficiency, and testing methodologies used by the offshore team.
- Presented at Customer and Sales Technical Support Test Summits, and other Quality events, stateside and international, to gain feedback on release quality in order to improve products and testing methodologies.
- Received Autodesk University Award for outstanding customer service and support. Consistently the number one team member participating on customer forums and internal support email alias.
- Regarded as a must have testing resource for customer workflow validation, often getting pulled to other features to validate that software would meet customer expectations and needs.
- Collected customer feedback, designed solutions, validated solutions with customers, and wrote specs for development while serving as Product Designer for Vault Professional 2012 Item functionality.
- Enhanced and maintained an in house lab management system, allowing for reservation and imaging of lab hardware.
- Prototyped multiple unit test environments for developers in order to test Autodesk Vault client code without the need for a Vault server to be present. Used Visual Studio 2010 C# unit tests in combination with the Microsoft Moles Research Project.
- Wrote and ran Vault client API tests using C#, including test applications for both manual and automated tests.
- Applied SilkTest, QA Partner, WinRunner, and in-house tools to automate UI testing on multiple Autodesk products including Mechanical Desktop, AutoCAD Mechanical, AutoCAD Electrical, and Autodesk Vault for automated UI validation.

REDSPARK

SQA Engineer

San Francisco, CA

Nov.2000 - Jan. 2001

- Tested and automated a web 3D CAD viewer