

MANIVANNAN GAJENDRAN

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SENIOR QUALITY ASSURANCE LEAD

- Senior QA lead with 10 years of Quality assurance experience.
- Certified ISTQB Technical Test lead and Scaled Agile Practitioner.
- Experience in recruiting and leading virtual team of Automation Developers & QA Analysts
- Experience in release management, building, testing and releasing software every two weeks
- Expertise in UI automation using Selenium Web driver and Restful API Automation using JMeter/Postman.
- Experience in testing Kubernetes/Docker based applications.
- Experience in moving projects from waterfall model to Agile methodology
- A wealth of experience in QA on Deep Learning, Banking and Aerospace domains.
- Expertise in applying and maintaining quality standards for projects with CMMI process model.
- Advanced command on a wide variety of tools and technology including HP Quality Center(ALM), Kubernetes, Docker, Jenkins, Jira, Youtrack, Confluence and Testrail

TECHNOLOGY AND TESTING PROFICIENCIES

Testing Tools:	Selenium Webdriver, Postman, JMeter, Jenkins, Quality center, Jira, Testrail, Youtrack,
Testing Methodologies/Types:	Waterfall, Agile, Kanban, UI Automation, Restful API automation, Build/Deployment Automation
Programming/Markup Languages:	Java, Python, PHP, MySQL, HTML/CSS/JS
Domain Knowledge	Deep Learning, Aerospace, Banking, Wealth Management
Systems:	Unix, Linux, Kubernetes, Docker, Redis, Windows, AWS, GCE

PROFESSIONAL EXPERIENCE

Istuary Innovation Group
Senior QA Lead/Release Manager

July 2016 - Present
Domain: Deep Learning

Playing role of QA Lead and Release manager, responsible for building, testing and releasing software version every two weeks.

- Recruit, mentor and manage team of QA Analysts and DevOps.
- Test deep learning models for accuracy and performance on Kubernetes/Docker based environment.
- Requirement analysis, testing and test estimation.

- Responsible for designing custom test automation solutions that can be seamlessly integrated into organisation existing and new projects using Selenium Webdriver, Robot framework and JMeter.
 - Implement build/deployment automation using Jenkins.
 - Knowledge management and training of resources.
 - Prepare status and metrics reports for the management.
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Infosys Ltd., Richmond, BC**January 2015 – July 2016****Client: Aeroinfo System, A Boeing Company****Domain: Aerospace*****Technical Test Lead/Onsite Coordinator***

Served as a key member of Aeroinfo's Quality Assurance team. Responsible for test planning, estimation, execution and onsite-offshore coordination.

- Requirement analysis and test estimation.
 - Offshore team management, task allocation and review of deliverables.
 - Knowledge management and training of resources.
 - Test case preparation, tractability matrix setup, perform smoke testing, functional testing, system integration testing and regression testing.
 - Log defects in JIRA/ClearQuest and attend RPB meeting to triage defects.
 - Prepare status and metrics reports for the management.
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Infosys Ltd., Toronto, ON**April 2010 - July 2012****Client: Bank of America****Domain: Banking/Financial Services*****Test Analyst/Onsite Coordinator***

Served at client office as a part of Bank of America's Independent Verification and Validation team, Responsible for requirement analysis, client showcase, onsite-offshore coordination

- Analyse and review functional and design specifications to ensure full understanding of individual deliverables.
- Develop test plans and QA processes.
- Knowledge management and training of resources.
- Client-Offshore co-ordination, task assignment to offshore and review of deliverables.
- Design automated testing scripts in QTP/Selenium using JAVA and SQL.
- Ensure that validated deliverables meet functional/performance specifications.
- Raise defects in JIRA, triage and track it to closure.
- Create quality assurance documentation and reports using test management tools such as HP Quality Center and JIRA.

Infosys Ltd., Chennai, India**Client: Bank of America*****Technical Test Lead*****June 2007-April 2010, July-2012 – Dec 2015****Domain: Banking/Financial Services**

Served as a key member of Independent Verification and Validation team, Responsible for team management, creating and executing test cases and managing all activities in the plan to ensure that all the objectives are met and that the solution works as expected.

- Requirement analysis and test estimation.
- Test case preparation and requirement traceability matrix to map requirement to test cases.
- Knowledge management and training of resources.
- Maintain QA Process such as configuration management and defect prevention as per CMMI model.
- Team management and review of deliverables.
- Ensure that validated deliverables meet functional specifications.
- Raise defects in JIRA, triage and track it to closure.
- Create quality assurance documentation and reports using test management tools such as HP Quality Center and JIRA.

EDUCATION & PROFESSIONAL DEVELOPMENT

Certified ISTQB Advanced Technical Test Analyst**Certified SAFe Practitioner****Machine Learning – Stanford University (Online course)****Bachelor of Engineering in Electronics and Communication, Anna University, India****6 Months of residential training program on various Programming languages and Tools at Infosys-Global Education center, Mysore, India**