



Hovhannes K.

Software Development Engineer in Test



TechHive
IT's simple with us

Professional summary

Software Development Engineer in Test with about 10 years of experience in both automation and manual testing. Created 10+ Python and Java based automation frameworks for different kind of projects, including web, desktop and mobile applications. Hovhannes has all the necessary abilities for organizing and maintaining testing processes on a project. His technical knowledge allows him to dive deeper into the technical parts of the product for an accelerated and qualitative analysis of product quality. Highly responsible personality with strong analytical, communicative and problem solving skills.

Education

Yerevan State University
Doctor of Philosophy (Ph.D.), Computer science, EDA

Skills

Python, Perl, C#, bash, Windows Batch
C++, Java
Verilog, VHDL, Spice
Jenkins, GitLab, Azure DevOps
Selenium WebDriver, Postman,
Redmine, Squish Jira, Bugzilla,
ClearQuest, TestRail, Rally
LabVIEW
Windows, Linux
Agile, Scrum

Project	Freelance
	Multiple projects
Period	Sep 2018 – now
Role	SDET/Automation QA engineer
Technologies	Linux, RESTful API, Jenkins, Postman

Worked on different kind of project among with are *SKF AI* (machine learning) and *Crowdbotics* (software decision for apps creation)

Responsibilities

- Overall product quality
- Maintained and improved the existing test framework
- Development of automation tests
- Continuously worked on extending the test coverage
- E2E testing, API testing, performance testing, regression testing
- Provided solutions and alternative approaches, negotiating with customers
- Prepared technical documentation and reports
- Identified and implemented improvements for software quality

Project	Emsisoft
	Computer security
Period	Jun 2017 – Sep 2018
Role	Senior Development Engineer in Test
Technologies	Python, Redmine, TestRail, Azure DevOps, gitlab, Jenkins

Responsibilities

- Developed Python-based automation framework and CI/CD pipelines for antimalware product
- Created description of automation test cases
- Created flask based system for submitting and analyzing samples
- Analyzed test coverage
- Supported and maintained already written tests
- Test documentation design
- Analyzed the results of auto-tests runs (functional, load), checking the limits and possibilities of the product
- Bug reporting, general testing reports
- E2E testing, performance testing

Project	VMware
	Multi-cloud services provider
Period	Oct 2013 – Jun 2017
Role	Quality Engineer (Member of Technical Staff)
Technologies	Python, Visual Studio, Java, Jira, Rally, Bugzilla, Jenkins

Responsibilities

- Developed framework for performance stress tests
- Created automated reporting Python tools
- Created Python-based automated test environment
- Created Python scripts for test automation
- Analyzed performance results
- Profiling with Visual Studio profiler
- Created test plan and automated test cases for tool that collects windows logs and sends to server
- Performance/Scale/Stress testing automation
- Worked on integration of the product
- Customer support and translating their needs into stories and customer scenarios that need to be implemented
- API testing, E2E testing, performance testing

Project	Mentor Graphics (now Siemens EDA)
	Electronic Design Automation
Period	Apr 2012 – Oct 2013
Role	Software Quality Assurance Engineer
Technologies	Python, Bash, Squish, Perl, ClearQuest, Bugzilla

Responsibilities

- Ensured the overall quality of the product; functional and nonfunctional testing
- Design and development of Python-based QA automated test environment for analog custom design tool
- Created test cases and manual testing of Router and Constraint Manager components
- Created environment for GUI testing
- Creating GUI automated tests using Squish testing tool
- Making test plans and creating test cases according to plan
- Analyzed coverage results, finding areas of low coverage, reporting those fields, examining the code to understand the reason of low coverage
- E2E testing
- Perform manual testing