Konstantin Pletenev
Test automation lead

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Tech stack

Java, Kotlin, Python, Rest, Spring, Cucumber, Selenium, AWS, SQL/HQL, html/css

Certification

ISTQB® Certified Tester Advanced Level - Test Automation Engineering 19-CTAL-TAE-162484-06

Work experience

06.2015 – now
Accenture Latvia
Position: Test automation lead / Project manager

Activities: Test lead in several projects across different industry and tech stack. Mostly backend testing and Big Data. Team leading of several QA automation teams, from 2 people till 10 people team size.

Responsibilities: Test automation architecture, team leading, reporting, risk assessments. Main responsibility is to provide test automation frameworks for all levels of testing, Acceptance,

Functional, Integration, Contract, and E2E for whole services pipeline. Developed test strategy, test plans and test case. Managing all QA activities and QA team leading in 3 amigos dev environment. Mostly backend and data quality testing, but also have experience in frontend testing with Selenium and some experience for iOS with Apium.

For past year 50/50 combine automation lead role in unit of 3 engineers and project manager role for outstaff project size of 20 people.

Achievements:

- Push and deliver test automation pyramid transformation from cone with Acceptance tests at top to proper pyramid with unit-integration-functional-acceptance.
- Develop test automation framework for Hive data quality checks.
- Lead of developing test automation framework for combine testing of frontend and backend used across different Accenture Riga projects. Product Owner role.

Project experience:

- **Outstaff project management**

Project background: Outstaff project of 20 QAs for Irish Bank.

Responsibilities: staffing, people management, performance review, new candidate interviewing. Communication with bank management on requirements, and project development plans.

- **Banking backend testing**

Project background: Backend for the bank. Microservice architecture + a few old-school monolith services.

Responsibilities: Team lead of the special force QA team of 4 engineers who were responsible for test automation approach, framework development, best practice, evaluation of the current state of Test automation and QA processes in different teams and propose improvements. I was the product owner of this team, so also responsible for all planning, backlog, RoI calculation, and scrum responsibilities, communication with bank management, development and DevOps leads as well.

Stack: Java, Junit 5, REST, Jenkins, Allure

- **Backend for Video on demand service**

Project background: Backend for all VoD services. Microservice architecture with Rest API services based on Springboot. 35 services, business-core-data architecture. Hight load infrastructure, 22 million users, 1 billion of VoD views.

Responsibilities: Develop test automation framework for all level of testing, Acceptance, Functional, Contract, Sanity for all Service pipelines. Participation in 3 Amigos as a QA lead. Team leading for team of 8 test automation engineers. Release management and Test planning activities.

Stack: Java, Cucumber, REST, AWS, Lambda, Jenkins.

- **Big Data Analytics system for Accenture Video Solutions**

Project background: data transaction, calculation and analytics system for VoD service. KPI calculation and data storage.

Responsibilities: Developed test strategy, test plans, and test case. Creating automation testing framework for Hive data quality checks (BDD + Java). Managing all QA activities, test approach, test plan, release management, was a leader of 3 members QA team. Mostly backend and data quality testing, also manual frontend testing, and Selenium automatization for Web components of the Data presentation layer.

Stack: Java, Cucumber, Selenium, Hadoop, Hive, Qlikview

- **Data Layer for VoD service**

Project background: data transaction, transformation and storage

Responsibilities: Provide expertise in the planning, constructing, and execution of test scripts in Big data systems. Apply business and functional knowledge including testing standards, guidelines, and testing methodology to meet the team's overall test objectives. Ensure all testing results are easily accessible and understandable. Track defects to closure and keeps defect repository up-to-date.

Stack: Java, AWS, Talend Open Studio, Bamboo

10.2012 – 05.2015
"Adicom Systems" Russia
Position: QA engineer
Activities and responsibilities: Key QA in the Agile Web development team. Work with public institutions of Russian Federation.

QA team leading of two big projects, the first one – the back-end for the Federal Water Resources Agency, the second - the website for the interagency electronic document circulation RPN, and small frontend projects for submitting reports, mapping services, etc.

Responsibilities: Quality Assurance releases issued by the results of the sprint`s. Functions: creating test cases, test plans development of integration, acceptance and regression testing. Inspection and testing based on test plans. Test automation with Selenium and test builds daily deployment.

Achievements: I was able to explain the need to automate testing management and implement automation projects Ui testing.

11.2011 – 05.2013
Russian State Technological University (MATI)
Position: professor's assistant.
Activities and responsibilities: teaching students, controlling students' lab works related to Microsoft Office.

11.2011 – 09.2012
"DEEP 2000"
Position: Qa engineer in quality department.
Activities and responsibilities: Software Testing "Queue Management System" (server and client software for the Internet Explorer 7-9), finding errors in a software, error analysis, solution proposals.
Control and management of pilot projects, training employees contractors installing and using the software.
Installation of pilot versions of the software "Queue Management System."

06.2010 – 09.2010
"Inistek"
Position: system administrator's assistant.
Activities and responsibilities: Construction and maintenance of LAN, technical support of worker's stations.

Education

- 2007-2011

Russian State Technological University. Bachelor degree in "Computer science".

- 2011-2013

Russian State Technological University. Master degree in "Computer science".

Languages

English – fluent, Russian - fluent, Latvian - basic

Hobbies

American football, guitar, strategic games, festival movies, traveling, ancient culture.

References

Available upon request.