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# Victoriia S.

## QA Automation Engineer

### SUMMARY

- Mature Software Test Automation Engineer with 8 years of commercial experience in Test Automation for the next test types: UI Web, API, ETL;
- Proven practical experience in Test Automation in .NET and Java stack on 8 projects (including 2 internal) in the following domains: Order management, Insurance, Automotive, and Travel management;
- Project roles: A Key Test Automation engineer; An implicit QA Lead responsible for all testing activities on the project;
- An Automation QA Lead on internal projects;
- Test Automation frameworks development from scratch;
- Creating and maintaining automation tests that cover main business needs;
- Developing and maintaining test documentation (test designs, test cases, checklists, bug reports, instruction, pages in KB, etc.);
- Interviewing candidates into the Automation QA team, onboarding newcomers and training newbies;
- Test planning, task estimation, and further distribution, assignment, and delegation to subordinates. Task progress monitoring and support; subordinates' motivation and mentorship;
- Communicating with customers, business requirements analysis, and clarification.

### SKILLS

<b>Main Technical Skills</b>	Java, .NET
<b>Programming Languages</b>	C#, Python, TypeScript
<b>.NET Platform</b>	ADO.NET, AspectJ, Entity Framework, LINQ
<b>JavaScript Frameworks and Libraries</b>	Angular
<b>Python Frameworks and Libraries</b>	Robot Framework
<b>Databases &amp; Management Systems / ORM</b>	Microsoft SQL Server, PostgreSQL, SQL, T-SQL
<b>Platforms</b>	Android
<b>QA, Test Automation, Security</b>	Apache Maven, Appium, Cucumber, Gatling, Gherkin, JUnit, Locust, NUnit, REST-Assured, Selenium, Selenium Webdriver, Selenoid, SpecFlow, TestNG

<b>Virtualization, Containers and Orchestration</b>	Docker
<b>Version Control</b>	GitHub
<b>Deployment, CI/CD &amp; Administration</b>	Jenkins
<b>Collaboration, Task &amp; Issue Tracking</b>	Jira
<b>Methodologies, Paradigms and Patterns</b>	Kanban, Scrum
<b>Operating Systems</b>	Linux, Unix, Windows
<b>Third Party Tools / IDEs / SDK / Services</b>	Microsoft Visual Studio
<b>Other Technical Skills</b>	Allure Framework, Azure DevOps Service, Brainstorming, Html Elements framework, JetBrains IntelliJ IDEA, Microsoft SQL Analysis Services, SoapUI (Open Source), Spring Boot, XML Path Language

## EXPERIENCE

### AQA Engineer, Software and Hi-Tech

Jan 2023 – Aug 2023

**About the project:** Platform to track and monitor assets and make business decisions

#### Responsibilities:

- Design, develop, and implement automated tests and framework;
- Review product requirements, design, and functional specifications to prepare automated test cases;
- Collaboration with product line stakeholders to develop strategies and frameworks relating to their demands;
- Support building of test processes, environments, and scripts;
- Integrate automation in CI/CD.

**Technologies:** Test Framework: JS, Web UI Automation: Cypress, Reporting: Sorry Cypress, CI/CD: GitHub Actions, Jira/Confluence

### AQA Engineer, Software and Hi-Tech

Oct 2022 – Jan 2023



**About the project:** A backend application without GUI for converting automotive data from one data source into another

**Responsibilities:**

- Creating plans, test scenarios, test cases, and test reports;
- Executing and monitoring results of automated suites within CI infrastructure;
- Participation in the software development process, cooperation with programmers, PO;
- Creating technical and utility documentation.

**Technologies:** Test Framework: Junit, Java, myBatis, CI/CD: Jenkins, MongoDB, Neo4J, Jira/Confluence

**AQA Engineer, Travel and Hospitality**

Oct 2021 - Present

**About the project:** Provide the ability to book travel for unprofiled travels.

**Responsibilities:**

- Improvement strategy for QA and AQA cooperation. Develop a plan to reduce the remaining not automated regression scope;
- Create test documentation, including test automation plans, solution designs, bug reports, and instructions;
- Implement from scratch Test Automation Framework to cover Web UI automation testing
- Integrate automation in CI/CD;
- Implement and present POC based on the Gatling tool for performance testing

**Technologies:** Test Framework: NUnit, C#, Web UI Automation: Selenium WebDriver, API Automation: Rest Sharp, Reporting: ReportPortal, CI/CD: Azure DevOps, Jira/Confluence, .NET Core technologies stack

**AQA Engineer Lead, Software and Hi-Tech**

Sept 2020 – Oct 2021

**About the project:** The project was an MVP to provide aggregated information on places of interest from different data sources for on-street and off-street parking

**Responsibilities:**

- As an AQA Lead, participated in the discovery phase of the project;
- Was an active participant in Refinements and Workshop sessions. Analysed and verified requirements;
- Created high-quality test documentation, including test automation plans, test strategy, test designs, solution designs, bug reports, and test result reports;
- Implemented from scratch Test Automation Framework to cover Web UI, API, and ETL testing;



- Coordinated work of a subordinate;
- Presented and delivered demos for the Customer side.

**Technologies:** PostgreSQL, C#, Test Framework: NUnit, Web UI Automation: Selenium WebDriver, API Automation: Rest Sharp, Reporting: ReportPortal, EntityFramework, CI/CD: Jenkins, Selenoid, Jira/Confluence, .Net Core technological stack

### **AQA Engineer, Life Sciences and Healthcare**

Aug 2019 – Sept 2020

**About the project:** The application represented a client's admin tool for enrolling and setting up group insurance benefits. The goal of the team was system modernizing and architecture enhancement: building micro-services and updating its rules engine

#### **Responsibilities:**

- As a Key Tester of the SWAT team, participated actively in increasing test automation coverage of the project;
- Participated in the creation of a test automation improvement plan;
- Extended a core of an existing Test Automation Framework with new layers;
- Conducted code review;
- Mentored and supported newcomers;
- Analyzed regression test run.

**Technologies:** Oracle DB, C#, Test Framework: NUnit, Web UI Automation: Selenium WebDriver, Reporting: ReportPortal, Test scenario creation: Specflow, .Net Core technological stack

### **AQA Engineer Lead, Software and Hi-Tech**

Apr 2018 - Aug 2019

**About the project:** The internal project was a management solution for OKR (Objectives & Key Results) to implement based on EPAM's internal needs. Potentially was shippable to external customers

#### **Responsibilities:**

- As an AQA Lead, was responsible for developing a process improvement strategy for QA and AQA cooperation. Developed a plan to reduce the remaining not automated regression scope;
- Performed test automation tool evaluation and provided PoC for Web UI and API automation testing;
- Created Test Automation Framework from scratch;
- Created automated tests with the BDD approach;
- Created high-quality test documentation, including test automation plans, solution designs, bug reports, and test result reports;
- Reported effectiveness of automation to the PO;



- Coordinated and supported an AQA team (4-6 people) which consisted of middle and student engineers.

**Technologies:** PostgreSQL, Java 8, Build Tool: Maven, Test Framework: JUnit 5, Web UI Automation: Selenium WebDriver, Cucumber, API Automation: Rest Assured, Reporting: Allure, Java technological stack

### **AQA Engineer, Mothercare plc, Retail and Distribution**

Jan 2018 – Apr 2018

**About the project:** The project represented an application to support the customer's international franchise business - a mini-ERP system to support the B2B business model.

#### **Responsibilities:**

- As a QA sub-stream Lead was responsible for testing a specific component and managing QA activities: distributing the tasks across the team of 2-4 people using JIRA, managing the tasks were completed timely;
- Mentored and supervised subordinates;
- Designed test cases, implemented, and maintained test automation procedures;
- Participated in refinement sessions with the Customer side;
- Drove Triage sessions with 3d party vendors;
- Reported test results to the project management.

**Technologies:** Microsoft SQL Server, MS Visual Studio 2017, NUnit, Jenkins, BitBucket, Report Portal, Jira, .Net technological stack

### **AQA Engineer, NDA**

Oct 2017 – Dec 2017

**About the project:** Platform that delivers complete endpoint management and policy control for devices and apps.

#### **Responsibilities:**

- Automated regression tests. Maintained existing tests;
- Created SoapUI NG web services tests using existing manual UI test scenarios;
- Reviewed SoapUI NG tests created by the other team members;
- Reported app defects and verified corresponding fixes

**Technologies:** MS SQL Server, Ready API, SoapUI NG, Fiddler, Git, Gerrit, Jenkins

### **AQA Engineer, Business Information and Media**

Jun 2017 – Oct 2017



**About the project:** The product is a mobile Android and Windows Phone/Tablet application. It is the set of financial tools that allows its users to access critical news, market data, and analysis when they are on the go. Among major features: unrivaled market-moving news, real-time data, charts, comprehensive asset class overview screens, access to the powerful search service, consolidated summary screens combining quotes, news, and chart elements, integration with other applications

**Responsibilities:**

- Created automation scripts;
- Maintained and extended of existing testing framework;
- Performed regression testing, analyzed results, and provided regression-status reports;
- Took part in demo and KT sessions;
- Mentored newcomers.

**Technologies:** Java, Eclipse, Android Emulator, Android SDK, Robotium, Ant, TestNG

**QA Engineer, Software and Hi-Tech**

Apr 2017 – Jun 2017

**About the project:** Education project in the SFT Lab, comprising obtaining project and practical skills

**Responsibilities:**

- Automation testing - write automation test scripts using Selenium WebDriver;
- Manual testing - run the test cases and perform ad-hoc testing;
- Creating test cases - create detailed test cases covering main functionality, according to the main test cases created smoke tests;
- Defects reporting;
- Requirement testing in waterfall development model and Agile (Scrum).

**Technologies:** MySQL, GIT, Selenium IDE, Soap UI

