VITALIY DOBRIYAN – LEAD SOFTWARE TEST AUTOMATION ENGINEER

SUMMARY

Skilled automation specialist with focus on .NET with wide 12 years' experience across different platforms, tech stacks, tools, and roles. Experience in starting automation from scratch in projects from different business domains and technologies, leading big automation teams up to 35 members, processes improvements and automation ecosystem architecture.

Roles:

- Automation Team Lead
- Key Test Automation Engineer

Responsibilities:

- Test automation architecture
- Leading automation team
- Automation processes set-up and improvements
- Automation environment setup
- Test automation frameworks design and enhancement
- Conducting technical interviews, technical interviewers mentoring
- Trainings for tests automation engineers, mentoring, test automation training center coordination
- Code review
- Writing automated tests
- Automation documentation creation
- Estimation and planning
- Resource management

Automated testing tools: Unicorn Test Automation Framework, Selenium WebDriver, MS UI Automation, Serenity (Thucydides), Mobile Test Automation Framework (iOS), HP UFT/QTP, Test Complete, IBM RFT, NUnit, JUnit, TestNG, MSTest, Postman

Programming languages: C#, Java

WORK EXPERIENCE

May-2015 - Apr-2022

Lead Software Test Automation Engineer, EPAM Systems

Project: The product offers the market-leading Portfolio Management Platform for the alternative asset management market. The innovative, highly secure Software-as-a-Service technology solution for data collection, investment analysis and performance reporting. Today product supports over 10,000 users across the globe with multiple data centers involved. The product offers users a web portal, desktop application (.Net based), and mobile applications IOS/Android

Team Size: 14 Scrum teams: Product owners - 13, Solution Architect - 2, Developers - 70+, Automation testers - 30+, Performance analyst - 1, Testers - 10, DBA - 4, DevOps - 5

Project Role: Key Automation Tester

Tasks performed:

- Setup and maintenance of whole automation infrastructure
- Creation and maintenance of test automation framework (17000+ automated tests Web/Desktop/API/Email/DB)
- Migration of test automation framework to new format (From KDT-like excel scenarios to C# coded tests)
- Processes setup and improvement
- Code review
- Communication with the customer
- Gathering and analysis of test automation metrics
- Teamwork coordination (30+ Automation testers)
- Conducting Demos
- Creation of automated tests (Desktop UI, Web UI, Web services)
- Tests run results analysis and reporting
- Creation of automation utilities to ease and speed up processes

Environment:

DB: MS SQL Server 2008 R2-2019

Infrastructure: TFS 2013-2019 (Azure DevOps), VS TestController/TestAgents 2013-2019, TFVC/GitHub/GitLab, AWS cloud, Octopus Deploy, Docker, Consul

Development: Visual Studio 2013-2019, SonarQube, NDepend, Git

Automation: Unicorn Test Automation Framework, Selenium WebDriver, HtmlElements framework, MS UI Automation, Office Interop, MSTest, Postman, OleDB

Load: JMeter

Reporting/Logging: Grafana, Report Portal, Splunk,

Technologies: .NET 4.5-4.7.2, C#, LINQ, WPF, VSTO, ASP.NET, AWS, PowerShell, REST, SQL

Sep-2015 - Nov-2015

Lead Software Test Automation Engineer, EPAM Systems

Project: Stores backend (POS) development and support. Platform is GK. System contains: - back office - till - store manager The application is responsible whole shop cycle from stock tacking to sale on POS

Team Size: Delivery manager - 1, Business analysts - 6, Developers - 13, Testers - 7, Solution architect - 1, Consultant - 1

Project Role: Consultant

Tasks performed:

- Consulting test team members on external test automation framework
- Creation of tool for communication with web services for testing purposes

Environment: Oracle, PostgreSQL, FireBird, SQL Developer, DB Visualizer, HP QTP, pgAdmin, HP Quality Center, SoapUI, Java SE, Windows CE Mobile App (Java, C++), GK Retail Suite

Oct-2014 - May-2015

Senior Software Test Automation Engineer, EPAM Systems

Project: Investment Banking, upgrading murex version from 24 to 32. This system is used for one of the biggest banks in Russia as System Integrator between Internal financial systems

Team Size: Project Manager - 1, Developers - 4, Testing team lead - 1, Testers - 2, Automation testers - 2

Project Role: Key Automation Tester

Tasks performed:

- Creation of java-based tool for DataMart and other SQL data automated comparison
- Estimating of automated testing activities
- Creation of SQL procedures
- Creation of configuration scripts for existing customer-s comparison tool
- Communication with the customer

Environment: Sybase, MS SQL, Eclipse, Tortoise SVN, Resource Hacker, Notepad++, Sql DBX, Jira, Cisco AnyConnect client, VMware Horison View Client, SQL, XML, DataMart, Java, Murex

Apr-2014 - Sep-2014

Senior Software Test Automation Engineer, EPAM Systems

Project: Updating tax-free shopping platform for tourism shopping tax refund company from old legacy application. The company operates a wide and trusted Tax Free Shopping network, allowing travelers to save money on purchases they make in any one 270,000 stores around the world. Tax Free Shopping allows shoppers to reclaim the VAT they have paid on their shopping in foreign countries. Tax Free Shopping Processing Platform will be the replacement of the legacy platform, which has been serving for 15 years supporting various aspects of the tax-free business.

Team Size: Project manager - 1, Developers - 10+, Automated testers - 2, Testers - 8, Load tester - 1, Security tester - 1

Project Role: Key Automation Tester

Tasks performed:

- Test automation framework creation
- Setup of automation testing infrastructure
- Creation of data generation tool for functional and load testers
- Creation of automated tests
- Creation of test automation documentation
- Communication with the customer (including on-site work)

Environment: MS SQL 2012, IBM Rational Functional Tester, IBM Quality Manager, Jira, SQL Management Studio, VS Express, Java, SQL, IBM, C#

Jun-2013 - Mar-2014

Senior Software Test Automation Engineer, EPAM Systems

Project: Billing technology of payments receiving. System provides uniform mechanism of payments performing which does not depend on individual's service channel. Providing high quality service on payments receiving for individuals (payers) and organizations (payments receivers). Automation of calculation operations related to payments receiving

Team Size: Project Manager - 1, Developers - 16, Automation testers - 9, Testers - 7

Project Role: Testing Team Lead

Tasks performed:

- Leading testing team (9 members)
- Creation of automation project structure
- Creation and update of automation project plans, making key decisions
- Consulting other project vendors regarding automation framework (including on-site work)
- Code review
- Creation of automated tests
- Communication with the customer

Environment: IBM DB2, Thucydides (Serenity), Svn/Git, Eclipse, HtmlElements framework, JUnit, SQuirrel, Maven, EPAM Cloud, IBM WebSphere, IBM DB2, Java

Dec-2012 - May-2013

Senior Software Test Automation Engineer, EPAM Systems

Project: Service of selection of goods and place of their purchase and system of contextual advertising of services for one of the leading IT companies in Russia.

Team Size: Project Manager - 1, Automation testers - 2

Project Role: Key Automation Tester

Tasks performed:

- Leading automation team

- Activities planning and estimating

- Automated tests creation

- Creation of test cases

- Communication with the customer

Environment: Maven, Thucydides (Serenity), HtmlElements framework, Eclipse, Git, Windows, Linux, Firefox, Web, Java, Java beans, XML

Oct-2012 - Dec-2012

Software Test Automation Engineer, EPAM Systems

Project: Product offers the market-leading Portfolio Management Platform for the alternative asset management. The product offers users a web portal, desktop application (.Net based) and iOS application for iPad

Team Size: Project Manager - 1, Developers - 2, Automation Testers - 1

Project Role: Key Automation Tester

Tasks performed:

- Adding new functionality to MTAF framework

- Writing automation technical vision

- Refactoring of framework code

- Creation and running automated tests

Environment: MS SQL, Mobile test automation framework (MTAF), iOS Simulator, XCode, iOS, MAC OS X, Eclipse IDE, Maven, Junit, Frank, Objective-c, Java, JSON, SVN

Sep-2012 - Oct-2012

Software Test Automation Engineer, EPAM Systems

Project: an iOS financial analysis application designed for iPad which allows to get the latest financial news, events and information from stock exchanges

Team Size: Automation Testers - 1

Project Role: Automation Tester

Tasks performed:

- Creating and running automated tests

Environment: Mobile test automation framework (MTAF), iOS Simulator, XCode, iOS, MAC OS X, Eclipse IDE, Maven, Junit, Frank, Objective-c, Java, JSON

Aug-2012 - Sep-2012

Software Test Automation Engineer, EPAM Systems

Project: The Program is a related group of projects that are upgrading existing infrastructures and systems that support key areas of advisor workflow. The program was originally initiated based on specific requests from one of top advisor clients to address functional limitations of existing systems, with the additional vision/objective to make the upgrades available to a broader audience of advisors in the future

Team Size: Project Manager - 1, Business Analyst - 1, Developers - 5, Testers - 2, Automation Testers - 1

Project Role: Automation Tester

Tasks performed:

- Automated testing
- Creation of test strategy
- Creation of test cases
- Creation of FIX XML data for testing

Environment: MS SQL 2008, HP Quick Test Professional, HP Quality Center, FIXEdge, SVN, FIX 4.4

Aug-2010 - Jul-2012

Software Testing Engineer, EPAM Systems

Project: Services for Investment Banking department in Markets/I&A division. Product offers web applications for financial analysis, desktop application for quick access internal resources, publication sites with integration with main web application

Team Size: Project Managers - 4, Developers - 9, Testers - 7

Project Role: Tester

Tasks performed:

- Creation and support of automated tests (UI, data validation, integration)
- Functional testing (web services, data validation)
- Creation of test plans
- Creation of test cases
- Planning and estimation of testing activities
- Communication with the customer

Environment: MS SQL, Windows, Team Track, Jira, HP Quality Center, Virtual Box, Fiddler, HTTP Analyzer, HP Quick test Pro, Custom web service testing tools, .NET, XML, CSS, JavaScript

EDUCATION

Name of the Education Establishment: Saratov State Technical University

Faculty/College: Physics and Technology

Degree (diploma): Need clarification

Specialty: Math modelling, numerical methods and software complexes

Name of the Education Establishment: N.G. Chernyshevsky Saratov State University

Faculty/College: Computer Science and Information Technologies

Degree (diploma): Master

Specialty: Computational machines, complexes, systems and networks