

VLADIMIR SHKODIN

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EXECUTIVE SUMMARY

SDET | SOFTWARE DEVELOPMENT ENGINEER IN TEST | SR. QUALITY ASSURANCE AUTOMATION ENGINEER

Backed by strong credentials including 10 years of solid QA experience and Master's in Engineering Technology, advanced command of various testing suites, agile methodologies, and programming experience. Detail-oriented and experienced SDET with hands-on automation and performance End to End testing for Mobile, API, Extension, Web, and Desktop Applications. Displaying vast expertise in the design and integration of testing Frameworks into CI/CD pipelines and PRs. Possessing expertise across all phases of the software development lifecycle from requirements gathering through to implementation, support, and enhancement. Skilled in applying testing methodologies, strategies, and developing test plans to meet QA goals. Proactively examines existing processes and leverages enterprise or open-source tools and applications to optimize and improve test automation.

CORE COMPETENCIES

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| • End to End Testing | • Performance Testing | • TDD, BDD & ATDD | • Test Plan and Test Strategies |
| • Cucumber, Gherkin, Behave | • Load Testing | • Python Programming | • SDLC (Agile, Kanban, Waterfall) |
| • UI expertise Appium, Selenium, Playwright, and Puppeteer, VRT | • Code review | • Jenkins pipelines, Bash | • Smoke, Regression Testing |
| • API Testing Automation, OpenDiffy | • White-box Testing | • Automation from scratch | • Extreme Programming & Scrum |
| • CI/CD Integration, DevOps, Jenkins | • Docker, Kubernetes | • Frontend - Backend Testing | • Rapid Development |
| • SQL & NoSQL Testing | • Visual Regression Testing | • Run optimization for Unit Functional, Integration Tests | • Testing Framework Architecture |
| | • Microservices Testing | | • Cross-Functional Collaboration |

PROFESSIONAL EXPERIENCE

Sr. QA Automation Engineer

Apr 2021- present

ShifLeft, Inc. | San Francisco Bay Area - Remote

- Validating security testing solutions to finding vulnerabilities in a code by analyzing code property graphs.
- Integrating Open Duffy service and Newman scripts for testing environmental API differences.
- Designing VRT tests and automatic Bitmaps updates.
- Improving SDLC by integrating automation scripts into Dev's PR and setting up Jenkins Testing Jobs.
- Contributing to existing selenium UI testing framework by optimization, extension, and scaling.
- Updating Front End for Visual regression and Selenium tests by adding new locators and attributes.
- Testing SaaS platforms and various CLI tools.

Sr. QA Automation Engineer

Oct.2019 – Apr 2021

Slickdeals, LLC | Las Vegas, NV - Remote

- Ownership and Leading of Automation Testing for Extension, iOS, Android, Web, API, Frontend, and Backend applications.
- Integrated Visual Regression Tests with BackstopJS into CI/CD pipelines.
- Developed self-healing UI Cucumber Tests for Selenium and Appium using Healenium.
- Design d an Automation Framework for API Testing (microservices, Azure, AWS, internal tools).
- Designed Appium based Test Framework for Android and iOS platforms.
- Adapted existing Android and iOS apps for Automation Testing.
- Added Accessibility locators to Android and iOS native applications using Java and Swift.
- Built Local in-House Farms for Testing Android and iOS devices.
- Migrated Mobile Local Testing Farms to the Cloud using Kobiton.
- Assisted DevOps team with integrating Testing Frameworks into Jenkins PR pipelines using Docker, Kubernetes.
- Mentored and supported multiple teams and manual QA engineers in creating Automated Tests.
- Integrated Behavior Driven Development Frameworks into Software Development Life Cycle.
- Designed advanced reporting systems using Allure Visualisation, and TMFJ Adaptavist.
- Integrated Canary releases (Blue-green deployment) and A/B tests.
- Created Puppeteer tests for Chrome extensions.

Software QA Engineer

Sept. 2018 – Oct.2019

Transact Tech Inc. | Las Vegas, NV - On site

- Created the Automation Testing Framework for Database Driven Systems.
- Integrated computer vision tests by using the OpenCV library.
- Performed Backend Performance and Load Testing, defining bottlenecks and API scalability using Jmeter.
- Planned, designed, executed, and evaluated Frontend performance by using Lighthouse.
- Created Jira cloud plugin for visualization of test results.
- Developed Appium Test Framework for testing IOS and Android devices.

QA Automation Engineer**Feb. 2017 – Sept. 2018****Holiday systems international | Las Vegas, NV - On site**

- Designed & Integrated Automation Web Testing Framework by using Python, Web Scrapping Tools, and PyQt4.
- Provided End to End Testing Automation scripts for large E-Commerce applications.
- Proficient in white-box testing and code review for Web and API applications based on Django, and Flask Frameworks.
- Performed analysis of the system design, specifications, and developed test plans for Automation Testing.
- Organized weekly meetings with the Onsite manager regarding the Automation status.
- Maintained Automated Scripts and troubleshoot issues for each Site Release, Feature, and Small Enhancement Project.
- Integrated execution of the Automated UI and API Test scripts into the Continuous Integration process using Jenkins and Docker.
- Managed Git Branches and used GitHub as central Repository for Automated Test scripts.
- Trained QA Test Analysts in creating and executing BDD scripts through Gherkin (Cucumber) feature files.
- Worked in an Agile project environment including stand-ups, backlog, estimation, iteration planning, and retro meetings.

QA Automation Engineer**Sept. 2011 - Feb. 2017****CATE | Russia - On site**

- Reproduced and debugged issues reported from the field and provided customized scripts for testing.
- Involved in QA documentation (Test Plan, Scenarios, Peer Reviews).
- Founder of Automation Testing culture in the company.
- Designed and managed Automated Python Testing projects for functional, integration, acceptance, performance, and regression testing of enterprise client/server and web-based projects.
- Participated in the hiring process for Automation and Manual QA Engineers.
- Converted manual functional and regression scripts to keyword data-driven for automated scripts.
- Ensured the quality of the software products in accordance with the company's policy requirements and specifications.
- Moderated Automation Testing Framework in git repository.

EDUCATION

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| ● Astrakhan State Technical University, Russia | Sept. 2012 – Jul. 2014 |
| Master of Engineering Technology: Major: Automation and Control | |
| ● Astrakhan State Technical University, Russia | Sept. 2008 – Jul. 2012 |
| Bachelor of Engineering Technology: Major: Automation and Control | |

TECHNICAL PROFICIENCIES

- **Testing Tools/Automation Software:** Selenium WebDriver, Selenium Grid, Appium, Espresso, Adaptavist, Unittest, Qt, Pytest, Docker, Allure, Postman, Katalon Studio, SilkTest, TestRail, BlazeMeter, Telerik, TestRail, QTP, BackstopJS, OpenCV, Unietest
- **CI/CD:** TFS, Jenkins, Heroku pipeline, Newman, Browserstack, Circleci
- **Issue tracking & Product development:** Jira, TFS, Confluence
- **Platforms:** UNIX/LINUX, Windows, macOS
- **Load/Performance Testing:** JMeter, Blazemeter
- **Databases: NoSQL:** MongoDB; **SQL:** SQLite, MySQL, Microsoft SQL Server
- **Cloud:** DigitalOcean, Linode, Asure
- **Programming:** Python, Java, Django, Javascript, Flask, SQL, HTML, XML, JSON, API, Cucumber, Gherkin, Web Scrapping, Bash, Shell, Git
- **Other tools:** Ngnix, RabbitMQ

SCIENTIFIC ACCOMPLISHMENTS

- Developed device for controlling of down-hole parameters and drilling process 2016
- “Downhole commutator on jet units” **Patent** of the Russian Federation 2015
- “Device for measuring the temperature of the drilling mud” **Patent** of the Russian Federation 2013
- Publication in the journal of an international scientific and technical conference in Astrakhan State Technical University VAK (Higher Attestation Commission) Vesnik ASTU “Device for measuring the temperature of the drilling mud”.
- Winner of the “Automation and Control Distributed Systems” at the International Scientific conference in Astrakhan State Technical University 2012

REFERENCES

Available upon request