Dmitrii Kuzhilin

Information Technology

QA Automation Engineer

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Software QA Automation Engineer with extensive experience in developing and maintaining automated testing environments for web applications using various QA methodologies, including Agile, Scrum, and DevOps practices. Expertise in the creation of comprehensive test automation frameworks using Selenium, Cypress, and Playwright. Possesses strong capabilities in designing QA frameworks, with a preference for automation over manual testing, and a history of streamlining processes to facilitate rapid and stable software releases. Committed to mentorship and elevation of teams, coupled with a passion for coding in JavaScript, Java, and TypeScript. I am inspired by the idea of being a part of teams that create beautiful, functional interfaces that people can interact with and enjoy using.

TECHNICAL PROFICIENCIES

Test automation frameworks & libraries	Selenium, Cypress, Playwright, Cucumber, Maven, TestNG, Supertest, Jest, Mocha, Chai, Swagger, Postman, Altair GraphQL
Programming languages	Java, TypeScript, JavaScript
Working with databases	MongoDB, MySQL
Test Management tools	JIRA, Azure DevOps Services
Working with documentation	Confluence, Figma, Google Docs, MS Office, Slack
CI/CD tools	GitLab CI, GitHub Actions, Azure DevOps, Jenkins, Docker
Miscellaneous	Node.js, Express.js, React.js, REST API, XPath, CSS, HTML, Azure DevOps Services, Appian, Okta, Splunk, GitHub, GitLab, GraphQL, Git

PROFESSIONAL EXPERIENCE

ICS, A Korn Ferry Company, New York, NY, USA   2022 – Present

Software QA Automation Engineer

Project "Starwind Specialty Insuarance" – insurance web application

Engineer and maintain robust automated testing environments for web applications utilizing a diverse array of technologies including Java, Selenium, JavaScript, Playwright, Azure DevOps Services, and various

other tools. Mentoring and coaching QA team members on automation techniques, and organizing weekly training meetings for the QA team. Conduct code reviews to ensure adherence to coding best practices and standards.

- Achieved increased automated test coverage for regression tests from 0% to 85-95% of four projects by developing test automation using Selenium and Cypress. As the result achieved a seven-hour reduction in regression testing time from eight hours to one hour for the QA team.
- Implemented tests allure report for enhanced test execution insights, benefiting the QA team and project management.
- Created an email service that allows sending test reports in HTML format using mail after each regression test execution for QA Engineers or any other stakeholders, which allows everyone to extract the maximum useful information from test execution.
- Collaborated with the DevOps team to integrate testing into CI/CD pipelines using Azure DevOps, ensuring continuous delivery of high-quality software.
- Provided technical mentorship to 5 QA Engineers on the execution of automated tests. Organized weekly training for the QA Team.
- Authored detailed documentation and instructions using Azure DevOps services, streamlining the test automation process to enhance test efficiency by 20%.

ITC Infotech, Dallas, TX, USA   2021 – 2022
Test Automation Engineer
Project "Marcus" by Goldman Sachs®– banking web application

Developed and executed automated test scripts using Javascript, TypeScript, Cypress, Cucumber, and other tools for UI and API testing. Applied automation testing utilizing a wide array of technologies and implemented the design of comprehensive automated test cases for newly developed features during active sprints. Performed functional, regression, and REST API testing making use of tools like Swagger and Postman. Established efficient collaborations with developers and stakeholders.

- Initiated and designed Fraud case scenarios for integration testing to improve the security and reliability of the banking application using Okta, Splunk, and Appian tools.
- Increased test positivity rate for Cypress automated regression testing from 50% to 95%, ensuring reliable test results.
- Worked closely with the DevOps team to integrate automated tests into CI/CD pipelines using GitLab CI.
- Reduced functional regression testing duration by 65% from three days to one day by organizing test data in advance using Swagger, Postman, and Altair GraphQL tools.
- Created comprehensive test documentation including test plans, test cases, and test reports using Jira, Zephyr, and Confluence.

Local Advantage, Sunnyvale, CA, USA   2017 – 2021
Software Development Engineer in Test
Project "Local Advantage" – interactive learning web platform

Engineered test cases and ensured functional, regression, smoke, and sanity testing for the interactive learning web platform. Collaborated with a 12-member development team and identified, reported, and resolved defects using JIRA and Zephyr. Developed robust automated testing frameworks employing Java, JavaScript, Selenium, Maven, TestNG, Cypress, and other technologies. Applied expertise in basic HTML, CSS, and XPath to refine and expand testing protocols. Provided mentorship in QA automation, sharing knowledge of JavaScript and Java to strengthen team capabilities.

- Developed automated tests using Cypress with JavaScript and Selenium with Java that reduced manual regression testing time by 80% and increased efficiency.
- Worked closely with the DevOps team to integrate automated tests into CI/CD pipelines using GitHub Actions.
- Collaborated with developers to streamline defect resolution, improving product quality.
- Enhanced test coverage for UI and integration testing, leading to more stable releases.
- An email service has been created that allows sending test allure reports in HTML format using mail after each regression test execution for any stakeholders, which allows everyone to extract the maximum useful information from test execution.

Sima-Land, Moscow, Russia   2015 – 2017
Automation Test Analyst

Project "Sima-Land" – e-commerce web application

Enhanced test coverage for key e-commerce web application functionalities using Selenium, Mocha, JavaScript, and SQL queries. Fostered collaboration with development and product teams and established testing strategies and requirements. Adapted to dynamic start-up atmosphere, contributing to rapid development and deployment cycles.

- Developed, maintained, and executed new Automation Frameworks and automation test scripts using JavaScript, Java, Jest, Postman, Selenium, Supertest, and other tools for UI and API testing.
- Collaborated with the DevOps team to integrate automated tests into CI/CD pipelines using Jenkins and Docker.
- Worked alongside developers to ensure high-quality software through rigorous testing.
- Collaborated in creating and maintaining documentation related to testing procedures, and automation frameworks using Jira and Confluence.

EDUCATION

Bachelor's degree in Computer Science
Moscow Technological Institute, Russia