Mercury Rucks

Automation QA Engineer

Details

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Email

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Links

LinkedIn

GitHub

Skills

Manual Testing

● ● ● ● ●

API Testing

● ● ● ● ●

JavaScript

● ● ● ● ●

SQL

● ● ● ● ●

Jenkins

● ● ● ● ●

Python

● ● ● ● ●

Selenium

● ● ● ● ●

Git

● ● ● ● ●

Node.js

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Profile

With a broad experience in quality assurance and software testing, my focus is on enhancing product quality, adhering to release timelines, and interacting with different project teams. Core competencies include:

- Developing and maintaining test and project documentation, including API interaction logic, software operation documentation, testing process documentation, and load testing plan monitoring.
- Conducting various types of functional and non-functional testing, including exploratory, cross-browser, performance, stress, usability, smoke, and regression testing.
- Writing and supporting test plans and automated tests.
- Ensuring accuracy of releases and their release dates.
- Managing multiple projects simultaneously and producing weekly reports on work completed.
- Active communication with the development team and clients, participating in weekly sprints.

Technical Skills:

- Proficient in tools such as Postman, Docker, Kafka, Swagger, Figma, BrowserStack, Selenium WebDriver, Selenium IDE, Python, pytest, requests, PageObject-model, Jmeter, and BlazeMeter.
- Comprehensive experience with Docker not only as a tool for reading logs, but also for creating images for automated tests, containerizing applications, and managing containers.
- Working knowledge of Dev-Stack, including React Native, Expo SDK, Node.js, Express.js, PostgreSQL, and MongoDB.
- Understanding of Test-Driven Development (TDD), Behavior-Driven Development (BDD), and Data-Driven Testing (DDT) methodologies.
- Knowledge of UX/UI design principles and best practices.
- Familiar with CI/CD practices and tools such as Jenkins and GitLab CI/CD.
- Experience with API and Microservices testing.
- Familiar with Performance Testing and Security Testing.
- Able to test without documentation.
- Capable of constructing simple database queries (select, join, aggregate functions min,max,sum), working with logs (Docker/Kibana), and using bug trackers (Trello/Jira).
- Programming skills in Python.
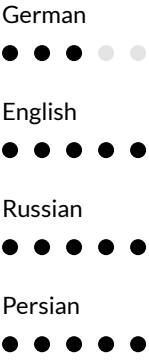- Proficiency in English language level C2.

Key Skills:

- Strategy development for testing and test planning.
- Conducting functional testing, integration testing, regression testing, smoke testing, and sanity testing.

Pytest
● ● ● ● ●

Docker
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Kafka
● ● ● ● ○

Appium
● ● ● ○ ○

SQL
● ● ● ○ ○

PageObject
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SoftSkills
● ● ● ● ●

Hobbies

I am developing a mobile application for Argentina (Taxi) - but Argentina doesn't know about it yet)))

Languages

German
● ● ● ○ ○

English
● ● ● ● ●

Russian
● ● ● ● ●

Persian
● ● ● ● ●

- Analysis and clarification of requirements with customers or analysts.
- Test process planning, test scenario writing, lifecycle tracking of bugs, retesting of subordinate defects.
- Analysis of testing results, process improvement, maintenance of test documentation.
- API testing.

Employment History

QA Engineer, XLDate - Mobile date application

Jul 2019 — Nov 2020   ♀ Moscow

Project: XLDate - Mobile Dating Application

Role: QA Engineer

Responsibilities and Achievements:

1. **Test Strategy and Planning:** Developed and implemented comprehensive test strategies and test plans for the XLDate mobile application.

2. **Test Execution:** Conducted various types of functional and non-functional testing, including exploratory, usability, compatibility, performance, stress, and regression testing to ensure optimal app performance.

3. **API Testing:** Validated the backend services and APIs using tools like Postman to ensure seamless integration with the front-end.

4. **Automated Testing:** Wrote and maintained automated tests for continuous testing. Used tools such as Selenium WebDriver, pytest, and Docker to automate and containerize tests, enhancing the efficiency of the testing process.

5. **Mobile Testing:** Ensured the application's compatibility across various devices, operating systems, and screen sizes. Employed tools like BrowserStack for effective cross-device testing.

6. **User Experience Testing:** Played a critical role in improving the user experience. Collaborated with the design team and utilized Figma for reviewing UI/UX elements, providing suggestions based on best practices, and ensuring the application was user-friendly and intuitive.

7. **Bug Tracking and Reporting:** Efficiently tracked and managed bugs using tools like Jira Provided detailed reports, identified patterns, and communicated effectively with the development team to ensure prompt and accurate resolutions.

8. **Communication and Collaboration:** Collaborated closely with project stakeholders, developers, and designers. Regularly communicated with the customer to clarify requirements, provide updates, and receive feedback.

9. **Documentation:** Created and maintained key testing documents, including test cases, test data, test results, and bug reports.

10. **Performance and Load Testing:** Utilized tools such as JMeter and BlazeMeter to conduct performance and load testing, ensuring the application could handle high traffic and usage spikes.

11. **Continuous Improvement:** Analyzed the results from the testing phases, identified areas of improvement, and made suggestions to improve the overall quality assurance process.

12. **Release Management:** Verified the readiness of releases, ensured that the releases met the defined quality standards and agreed upon requirements, and coordinated the release dates and times.

Automation QA, Lamoda

Nov 2020 — Jan 2022   Moscow

Position: SDET (Software Development Engineer in Test)

Company: Lamoda

Responsibilities:

As an SDET for the Social Media Promotion Mobile App project at SmmTouch LLC, I focused on ensuring the quality of the software through automated testing and quality assurance. My responsibilities included:

1. **Test Automation:**

   - Developed and implemented automated test strategies and test plans for different global library integrations.

   - Led the automation efforts within the QA team and fostered a collaborative work environment.

2. **Automated Testing:**

   - Designed and executed comprehensive automated tests covering various aspects of the mobile application.

   - Conducted functional and non-functional automated testing, including exploratory, integration, regression, performance, stress, usability, smoke, and API testing.

   - Ensured universal user experience by performing mobile application testing on different environments and devices.

3. **Documentation:**

   - Oversaw the creation and maintenance of automated test scripts and related documentation.

   - Implemented a system for tracking, documenting, and summarizing automated test results and defects, providing regular updates to the development team and stakeholders.

4. **Collaboration and Requirements Clarification:**

   - Collaborated closely with the development team, product managers, and other stakeholders to ensure seamless coordination between teams.

   - Communicated and clarified requirements with customers and analysts to ensure alignment with expectations.

5. **Technology Stack:**

- Proficient in test automation tools and frameworks such as Python, Pytest, PageObject, Docker, Kafka, Kibana, ActiveMQ, and Katalon.

- Utilized these tools to create efficient and reliable automated tests, ensuring the highest level of software quality.

6. **Continuous Improvement:**

- Continuously reviewed and enhanced automated testing strategies and methodologies to drive improvements in the QA process.

- Conducted root cause analysis on test failures to identify areas of improvement and implemented necessary adjustments to enhance automated testing procedures.

7. **Mentoring and Training:**

- Mentored and provided training to QA team members, ensuring their automation skills and knowledge were up-to-date.

8. **Risk Management:**

- Identified and addressed potential risks related to automated testing and quality assurance processes.

9. **Release Management:**

- Contributed to the release management process, ensuring the timely delivery of high-quality products.

Throughout this role, I demonstrated a strong understanding of mobile and web application development processes, social media networks, software testing methodologies, and best practices in automated testing and quality assurance. I utilized my technical skills and capabilities in the automation stack to drive product quality, team productivity, and customer satisfaction through efficient and effective test automation.

QA/QC Automation Engineer, Local Internet

Feb 2022 — May 2023   ⊙ Moscow

Project Role: QA/QC Automation Engineer

Project: Mobile Travel-Tracking-Training App

Company: Local Internet

Responsibilities and Tasks:

1. **Test Planning & Strategy Design:** Prepared detailed testing plans and strategies aligning with project requirements. This involved the design of test cases for functional, performance, usability, and security aspects of the application.

2. **Automated Testing:** Created, maintained, and executed automated test scripts using tools like Selenium WebDriver, Appium, and Python. Ensured coverage of all critical application paths and functionalities.

3. **API Testing:** Performed API testing using Postman to validate the responses and status codes and to ensure the data integrity.

4. **Performance Testing:** Conducted performance testing using tools like JMeter and BlazeMeter to validate the system's performance and stability under a particular load.

5. **Usability Testing:** Ensured that the application's user interface is intuitive, user-friendly, and consistent across different screens. Verified the app against established usability standards.

6. **Cross-Platform Testing:** Verified that the application works as expected across different mobile platforms and versions (Android & iOS).

7. **Collaboration & Communication:** Actively participated in Agile ceremonies like Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective. Collaborated closely with the development team to resolve issues and improve product quality. Regularly communicated with stakeholders to update on project status and receive feedback.

8. **CI/CD:** Utilized Docker to create containers for automated tests, ensuring a consistent testing environment. Worked with CI/CD tools like Jenkins for seamless integration and deployment.

9. **Defect Management:** Logged defects found during testing in the defect tracking system (JIRA), retested fixed issues, and performed regression testing after each release.

10. **Documentation:** Maintained detailed testing documentation, including test plans, test cases, and bug reports.

11. **Training:** Conducted training sessions for new team members and stakeholders to familiarize them with the QA processes and the application.

12. **Continuous Improvement:** Continuously researched new testing tools and methodologies to improve the testing process and product quality. Recommended improvements to the application based on usability and functional testing results.

13. **Release Management:** Verified that each software release meets specified quality standards before deployment. Coordinated with the development team to ensure a smooth release process.

QA Automation Engineer, Native Stories

May 2023 — Aug 2023   New York City

Project: Native Stories Mobile Application - Travel Tracking & Learning App

Role: QA Automation Engineer

Company: Native Stories

As a QA Automation Engineer for the Native Stories mobile application, my responsibilities spanned across both automated testing and software development realms. Below are some of the key tasks I fulfilled and requirements I met:

1. **Automated Testing**:

   - Developed, maintained, and executed automated test scripts for the Native Stories mobile app to ensure functionality, reliability, and user experience.

   - Managed automated testing of the app's core features including travel tracking, user login and registration, profile management, and learning modules.

   - Identified, tracked, and documented defects using bug tracking software and worked closely with the development team to resolve issues.

- Participated in sprint planning and review meetings to provide input on functional requirements, product designs, schedules, or potential problems.

- Used continuous integration/continuous deployment (CI/CD) tools to automate testing and deployment processes.

- Worked with different data sources and formats (JSON, XML) to validate API responses and the correctness of the app's back-end communication.

2. **Development**:

- Participated in the development of the app using React Native Expo Go and Node.js Express.js.

- Worked on multiple aspects of the application, including front-end interface, back-end services, and API development.

- Worked closely with the design team to implement UI/UX designs in the app.

- Identified performance issues and optimized the application for better user experience and usage of resources.

- Assisted in resolving production issues post-deployment, providing quick solutions for mitigation and long-term issue resolution.

- Ensured code quality, organization, and automatization by following and improving project's coding standards and practices.

3. **Collaboration**:

- Collaborated with cross-functional teams, including design, development, and product management to ensure clear communication of testing and development statuses.

- Presented findings and progress to stakeholders, maintaining open lines of communication to address issues and changes.

- Worked in an agile development environment with a quick turnaround of requirements and solutions.

4. **Learning and Mentoring**:

- Continuously updated myself with the latest automation technologies and practices, applying this knowledge to improve the application's quality and the testing process.

- Shared knowledge and insights with the team, fostering an environment of learning and continuous improvement.

Education

UZGU, Software Engineering - Faculty of Fundamental and Applied Informatics (FFAI)

Sep 2018 — Jul 2020   Kursk

Extra-curricular activities