



Kanstantsin Kazadoi

Software Engineer/iOS SDET

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Professional summary

Innovative and detail-oriented iOS SDET and QA engineer with over 6 years of experience in designing, developing, and testing high-quality mobile/web applications. Proficient in Swift, Python, and focused on creating reliable testing frameworks for desktop/mobile apps through a multifaceted approach for the iOS/Android/Web platforms. Skilled in writing unit tests, UI tests, and integration tests using XCUITest (Native), Appium (cross-platform), and other testing frameworks such as Pytest (Python) and XCTest (Swift). Demonstrated expertise in both automated and manual testing, coupled with a strong commitment to optimizing performance and enhancing app reliability. Dedicated to staying updated with the latest industry trends, technologies, and best practices in mobile development and quality assurance.

Links

GitHub page

[github.com](#) ↗

Website

[koko-wq-cmd.github.io](#) ↗

Employment history

Aug 2023 - May 2024

SDET, Abbott

Plano, TX

- Collaborated with cross-functional teams, including developers, product managers, and QA engineers, to define test requirements, acceptance criteria, and test plans.
- Designed, developed, and maintained automated test scripts using Appium for both iOS and Android platforms to validate app functionality, performance, and stability across multiple devices.
- Conducted web automation UI user simulation flows with Pytest, Selenium WebDriver, and Optical Character Recognition (OCR) using the CV2 library.
- Conducted functional and regression testing for Neuromodulation system function verification using the Pytest library, identifying and resolving critical issues before production release.
- Proficient in generating test execution reports (Allure), analyzing log files, and interpreting crash reports (ADB Logcat, Firebase, and Xcode Instruments) to identify root causes of issues.
- Utilized Git for version control, managing branching and merging strategies to ensure smooth and collaborative development processes.
- Maintained CI/CD pipelines using Azure DevOps, automating build, test, and deployment processes for faster release cycles.

Apr 2020 - Apr 2023

SDET, Inside Venture Partners

NYC, NY

- Deep understanding of mobile interface guidelines and architectural patterns such as MVC, MVVM, and VIPER.
- Executed manual and automated mobile testing for various iOS versions and devices, covering edge cases like device orientation, battery consumption, and memory usage.
- Developed automated test scripts using Xcode and the XCTest framework to ensure the reliability and functionality of iOS applications, significantly reducing manual testing efforts.
- Authored unit, UI, and integration tests for complex iOS application features using XCTest, XCUITest, and Swift to ensure high test coverage and faster bug detection.
- Designed and implemented user-friendly interfaces and experiences in collaboration with UX/UI designers, adhering to Apple's Human Interface Guidelines.
- Automated API testing for iOS apps using Postman, maintained HTTP requests, and validated different types of responses to ensure seamless communication between mobile clients and backend services.
- Implemented robust testing strategies using XCTest and XCUITest, resulting in a substantial reduction in bugs and improved app stability.
- Utilized tools like Firebase and Xcode Instruments to gather crash reports and diagnostics, improving overall app performance.
- Created and maintained comprehensive test documentation, including test cases, test plans, and defect reports, improving transparency and communication within the team.

Feb 2018 - Mar 2020

QA-engineer, 212 HVAC

Brooklyn, NY

- Strong understanding of software testing methodologies, both manual and automated.
- Wrote and executed functional test cases using Python/Pytest with Selenium WebDriver for a web application in the construction domain.
- Used Git for version control and Jira for defect tracking, managing test script repositories and tracking bug tickets.
- Hands-on experience writing and executing SQL queries (PostgreSQL) for database testing with the help of the Psycopg2 database driver.
- Resolved complex technical issues by debugging and troubleshooting code, leading to a significant decrease in app crashes and user-reported issues.
- Executed cross-browser testing for web applications on mobile devices, ensuring consistent functionality and performance across different browsers.
- Contributed to peer reviews of product designs, documentation, and support strategies.

Education

2007 - 2010

BS in Intercultural Communications, Macroeconomics

Minsk State Linguistic University

Skills

Pytest	Appium	Azure
JIRA	XCTest	UIAutomator2
Espresso	Python	Selenium
MacOS	Windows	Linux
AndroidOS	iOS	PostgreSQL
Android Studio	Xcode	Git
Swift	Postman	