Yevhenii Marchenko

Automation QA Engineer

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Automation QA professional with 3.5 years of experience in Web, API (REST/GraphQL), and mobile (iOS/Android) testing, with a strong background in creating and maintaining test plans, test cases, and test suites. Experienced in designing robust and scalable automation project architectures, configuring CI/CD systems. Efficient at managing tasks and collaborating with teammates, other project teams and managers. Committed to continuous improvement and taking on additional responsibilities to achieve team goals.

Software skills

- **Programming languages:** TypeScript, JavaScript
- **Testing Frameworks:** WebdriverIO, Cypress, Selenium, Protractor, Mocha, Cucumber, Jasmine, Jest
- **CI/CD platforms:** GitHub Actions, GitLab Pipelines, Jenkins, CircleCI
- **Types of testing (Automation & Manual):** Web, Mobile (iOS & Android), REST and GraphQL API testing, UI appearance testing by comparing screenshots
- **Version control:** Github, Gitlab, Bitbucket
- **Third-party testing services & tools:** Zephyr scale, XRAY, TestRail, BrowserStack, Appium (+ Inspector), Postman, Swagger
- **Other:** SQL, Docker, AWS, Blockchain, NFT and Cryptocurrency technologies, XCode, Android Studio

Professional Experience

Automation QA Engineer at Walltech, Remote   Aug 2021 - Nov 2024 (3 years, 4 months)

- Migrated automated tests from TestCafe to Playwright and built the automation framework from scratch for Web, Mobile (iOS, Android), and API (REST, GraphQL), improving test execution stability and speed
- Was the main person responsible for application releases to the Play Market and App Store, ensuring timely and high-quality deployments
- Integrated automated tests with GitHub Actions and TestRail, configured a secure VPN for test execution, and implemented custom Slack notifications for streamlined reporting and real-time updates
- Developed cross-browser UI automation tests, improving defect detection and release quality for Web and Mobile applications
- Refactored codebase and automated tests to reduce execution time and increase coverage for critical scenarios
- Communicated with developers, product/project managers, CEO, and stakeholders to align testing with business goals
- Wrote and maintained test documentation, including test plans, test strategies, test cases, and technical guidelines
- Configured and maintained CI/CD pipelines using Jenkins, BrowserStack, GitLab pipelines
- Refined test case management in TestRail, improving clarity and navigation for efficient testing
- Conducted regression, functional, and integration testing, including email integration

Commercial projects (at Walltech)

- Corporate Meal Delivery Service: Automated meal ordering system with Slack and Okta integration
- Educational Platform for Preschoolers: Mobile app supporting personalized learning and family engagement
- Agronomist and Farmer Platform: Tools for field data collection and task management
- Real Estate CRM: Enhancing customer communication and sales for US agents
- Student Assessment Platform: Tools for tracking academic performance and personalized learning

Education

Master's degree, Computer Software Engineering

National Aerospace University - Kharkiv Aviation Institute   Ukraine, Kharkiv - Sep 2023 - Dec 2024