

Pavel (Paul) Kirkovsky

QA Lead | QA Engineer | SDET | Automation Engineer

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US Citizen

Career Summary

Remote-capable QA and Automation Engineer with 10+ years delivering quality in e-commerce, healthcare, biotech, streaming media, and cloud services. Expert in leading QA teams, building scalable automation frameworks, integrating testing into CI/CD pipelines, and authoring technical assets including test charters, test plans, and internal documentation to standardize quality processes and knowledge sharing. Proven to reduce defects, accelerate test cycles, and uphold enterprise-grade standards.

Experience

Consultant | QA, SDET, Automation Freelancer | Remote | Jun 2025 – Present

- Delivering QA automation and SDET consulting services for multiple clients across mobile app, SaaS, and e-commerce industries.
- Building lightweight automated test suites using Cypress and Playwright, integrated into client CI/CD pipelines.
- Implementing AI-assisted testing workflows with open-source models to accelerate development (Playwright MCP, Google Gemini, Cursor, Copilot, Claude, ChatGPT, Zapier, AI agents, self-hosted AI solutions using LM Studio & LLaMa)
- Writing technical assets including test plans, test charters, and internal QA documentation for client engineering teams.
- Advising on QA strategy, tooling selection, and test data automation to optimize release velocity and defect detection.

CareOregon | Data Pipeline Quality Engineer | Remote | Mar 2024 – Jun 2025

- Drove migration of on-premises databases and ETL/ELT workflows to Azure Data Factory and Databricks, enabling cloud scalability and streamlined maintenance.
- Proposed on-premises AI initiative leveraging open-source AI models for SQL validation, aiming to reduce development and testing time by automating query verification.
- Automated ETL/ELT pipelines across Snowflake and Azure platforms, cutting data-processing defects by 40%.
- Designed QNXT workflows and automated testing on internal tools, eliminating 20+ hours/week of manual validation tasks.
- Integrated automated test suites into CI/CD pipelines for mobile and web apps, accelerating release cycles and reducing deployment errors.

Updater / MoveHQ | Lead SDET | Remote | Mar 2023 – Jul 2023

- Directed SDET team to build and maintain E2E and UI test automation using Cypress, boosting regression coverage by 60% and reducing release delays by 40%.
- Established automated regression pipelines integrated with CI/CD workflows, freeing 25+ engineering hours per sprint from manual testing overhead.
- Integrated all automated test suites into CI/CD pipelines to ensure continuous quality checks for every build.
- Partnered with product, security, and compliance teams to deliver FedRAMP-compliant features on schedule, supporting multi-tenant customer deployments.
- Introduced quality metrics and defect trend analysis, improving defect detection rate by 35% before production releases

Noom | *SDET* | Remote, New York | Aug 2021 – Jan 2023

- Achieved 100% automation coverage for core business flows, using Cypress for frontend test automation and Postman/Newman for API testing, cutting regression cycles by half.
- Integrated automated test suites into CI/CD pipelines for immediate feedback on code changes and deployment readiness.
- Built QA reporting dashboards in exposing regression trends and defect hotspots for data-driven release planning.
- Built custom Jira integrations & dashboards for QA, dev, and defect status reporting
- Collaborated with product and engineering teams to resolve high-severity issues within 72-hour SLAs, improving customer satisfaction metrics.

Amazon | *QA Lead / SDET* | Seattle, WA | May 2017 – May 2020

- Led QA effort in launching Amazon Prime Now & Amazon Fresh
- Authored test charters, test plans, and internal documentation enabling a 20-member offshore QA team to deliver consistent, release-ready results.
- Built scalable UI, API, and performance automation frameworks and integrated them into CI/CD pipelines, halving regression cycles.
- Embedded WCAG accessibility and OWASP security testing standards into QA pipelines.
- Standardized documentation and tooling, reducing new engineer onboarding time by 30%.

Sharp Laboratories | *SDET (Contract)* | Camas, WA | May 2016 – Mar 2017

- Documented & automated autonomous vehicle firmware recovery, cutting downtime from one week to two hours.
- Developed automated test suites for video streaming and sensor data validation.
- Created PowerShell scripts reducing test cycle times by 30%.

Elemental Technologies (AWS Elemental) | *Senior QA Engineer (Contract)* | Portland, OR | Sep 2015 – Feb 2016

- Extended the existing automation suite for multi-device video streaming and clustering validation, improving test coverage and reliability across varied device configurations.
- Streamlined device provisioning and cluster management, reducing setup overhead.

eBay | *Lead QA Engineer* | Portland, OR | May 2012 – Feb 2015

- Directed QA for RedLaser Android app; integrated Android hardware test harnesses to accelerate regression cycles.
- Built geo-aware barcode scanning frameworks supporting next-generation commerce features.

Intel | *SDET (Contract)* | Hillsboro, OR | Jan 2011 – Mar 2012

- Wrote developer documentation for x86 Android Emulator kernel module (Intel HAXM)
- Developed automated test suites for x86 Android emulator kernel modules adopted globally by developers.
- Extended Google CTS framework to support hardware-accelerated testing pipelines.

Anonymizer, Inc. | *QA Engineer (Contract)* | San Diego, CA | May 2007 – Jul 2008

- Managed test plans, test cases, and defect reporting
- Implemented VMware-based testing infrastructure, improving environment reliability and scalability.

ChemDiv, Inc. | *System Administrator* | San Diego, CA | Jan 2006 – May 2007

- Managed and maintained all company infrastructure, including desktops, servers, networks, and firewalls, ensuring uptime and security for a multi-office environment.
- Migrated telecom systems to VoIP, reducing annual operating costs by \$24K and modernizing communications.

- Maintained CutDB, a proteolytic event database tool supporting multiple research projects with reliable data availability and functionality enhancements.

Skills & Tools

Programming & Scripting: Python, JavaScript/TypeScript, SQL, Bash/shell scripting, PowerShell, Ruby, Lua

Operating Systems: Linux, OS X, Windows

Automation & Test Frameworks: Cypress, Selenium, Playwright, Appium, Postman/Newman, Jest, pytest, Cucumber/Gherkin, XCTest/XCUITest, Espresso

Performance & Load Testing: JMeter, Gatling, k6, LoadRunner

CI/CD / DevOps / Cloud/Data: Git, GitHub, GitLab, Jenkins, CircleCI, Azure DevOps, Docker, Kubernetes, Azure Data Factory, Snowflake, Databricks

Collaboration & Productivity: Jira, Confluence, Slack, Notion, Microsoft Teams, Zoom, Trello, Asana, SharePoint, Visual Studio, VS Code, Azure Repos

Test Management & Quality Processes: Test plans, test charters, BDD/TDD, Defect Tracking, Accessibility (WCAG), Security Testing (OWASP), TestRail, qTest, Zephyr