

# Pavel Kirkovsky

pavel@kirkovsky.com | Pacific Northwest USA (Remote) | US citizen, clearance eligible

## EXPERIENCE

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### QA Engineer/SDET

2021 - Present

*Noom, Remote*

- Automated and manual testing on web (Node.js) and mobile (iOS/Android) platforms. Native and web frontend automation, unit tests, backend & API testing.
- Tools: Cypress, XCUITest, BrowserStack, DataGrip, Postman, curl, Javascript/Typescript, Node, Jest, CI/CD, Github Actions, Bitrise, AWS, etc.

### Freelance/Consultant

2020 - Present

*self-employed, Remote*

- Technical research/prototyping/proof-of-concept, software development (IoT/embedded Linux/backend), QA, technical writing, contributing to various open source projects

### QA Engineer/SDET II

2017 - 2020

*Amazon*

- High-level QA engineer, responsible for multiple parallel projects across various business orgs
- Test strategy planning & documentation
- Managed external QA team, triaging and escalating issues as needed
- Test automation, UI testing, backend/microservices testing, security analysis, and deep-dive manual QA

### QA Engineer (Software/Robotics/Autonomous Vehicles)

2016 - 2017

*Sharp Laboratories of America*

- Tested all aspects of the Sharp Intellos A-UGV (Automated Unmanned Ground Vehicle) autonomous platform.
- Hardware, software, streaming audio/video, network traffic analysis, complex troubleshooting

### QA Engineer (Video Encoding/Linux)

2015 - 2016

*AWS Elemental (formerly Elemental Technologies)*

- Video analysis & encoding compliance testing (MPEG-4, MPEG-DASH, Apple HLS, Microsoft Smooth)
- Test case automation and refactoring
- Device provisioning, clustering, performance, and load testing (Redhat Linux Kickstart & cloud)

### QA Lead (Mobile)

2012 - 2015

*eBay*

- Lead QA for RedLaser on Android, a barcode scanning & shopping testbed app
- Manual & automated QA on web, mobile, and wearable device apps
- Digital storefront and kiosk testing

### QA Engineer (Android/Linux)

2011 - 2012

*Intel*

- QA on MeeGo and Tizen platforms on Intel hardware
- Deep-dive validation of Intel HAXM (a hypervisor addon for the Android emulator)
- Technical writing (end-user documentation, product release notes, product specs, flow/process diagrams, and internal technical docs)

## SKILLS

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<i>Languages</i>	English (fluent), Russian (fluent)
<i>Writing</i>	Test charters, user manuals, technical reports, internal documentation (wikis, etc)
<i>QA</i>	Automation (mobile, web, backend/API), deep-dive manual QA, test plans & charters
<i>Infra/network</i>	Linux/Windows/OS X, cloud (AWS & GCP), Wireshark, tcpdump, Snort, Charles Proxy, etc.
<i>Hardware</i>	Soldering (through-hole and SMT, reflow), standard test equipment, JTAG/hardware debugging