

Pavel Kirkovsky

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BIO

I'm an experienced tech generalist drawing knowledge from IT, infosec, UX, QA, and other fields. I enjoy solving complex and unusual problems with a multifaceted deep dive approach. Every project has benefited from my unique technical capabilities as well as my unique approach to problem-solving. As a strong advocate high-quality user experiences, I insist on the highest standards and follow through with a meticulous detail-oriented approach. Learning and teaching others is another lifelong passion, which lends itself to excellent writing and communication skills: no project is complete without comprehensive documentation. Software (and hardware) should be a pleasure to use, and I strive to make that possible at every opportunity.

EXPERIENCE

Freelance/Consultant

2020 - Present

self-employed

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

QA Engineer II (Mobile/Web)

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)