Leonid Khudisman

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SUMMARY:

Results-driven and adaptable QA leader with extensive experience in agile methodologies and software, hardware, and firmware testing, seeking a Director/VP/Head of QA role. Proven ability to build and mentor high-performing teams while remaining hands-on in architecting automation frameworks, implementing complex test plans, and providing hands-on coaching in test automation architecture. Passionate about driving quality and compliance through a collaborative, hands-on approach.

SKILLS:

- **Leadership:** Expert in building, mentoring, and scaling high-performing QA teams. Proven ability to drive quality transformation by implementing Agile QA processes and optimizing the Software Development Life Cycle (SDLC).

- **Quality Assurance:** Expert in all aspects of Quality Assurance, including designing and implementing robust automation frameworks, developing comprehensive test plans and cases, and leading various types of testing methodologies to ensure exceptional product quality.

- **Test Automation Software:** Extensive experience in Selenium, mobile testing using Appium, Tosca, Sofy, WATIR, ReadyAPI, Postman, JMeter, Apache Bench, Siege, Locust, Nessus, Burp, Talend, TestFlight.

- **Salesforce:** Competent in Commerce Cloud (SFCC), Service Cloud (SFSC), and Marketing Cloud (SFMC).

- **Medical:** Knowledgeable in VRDC, FHIR, HL7, BCDA, Blue Button API, Epic EMR, ETL (Extraction-Transformation-Load)

- **Platforms:** Skilled in UNIX, Linux, FreeBSD, Windows, and Macintosh.

- **Programming languages:** Proficient in Python, gRPC Protobufs, Ruby, Perl, Bash, PowerShell, Grails, SQL, JavaScript, Groovy, CSS, HTML, Flutter, Dart.

- **Database systems:** Experienced in Oracle, MySQL, PostgreSQL, Microsoft SQL Server, LDAP, MongoDB, and RADIS.

- **Cloud:** Proficient in Amazon Web Services (AWS) and Microsoft Azure, Google Cloud.

- **Virtualization:** Skilled in Docker, VMware, Hyper-V, Xen, VirtualBox.

- **CI Tools:** Proficient in CircleCI, Jenkins CI, Bitrise, Bamboo, and AWS CodePipeline, GitHub Actions.

- **Hardware/Firmware Testing**: Nordic Semiconductor SDK tools, Zephyr firmware tools (west)

- **Other Tools:** Knowledgeable in various tools such as SVN, GIT, TestRail, Atlassian Products Suite (JIRA, Bamboo, Confluence, etc.), SonarQube, Sentry, Looker Studio, Power BI, and more.

EXPERIENCE:

Pison Technology, Boston, MA   2024-Present

Head of QA

- Led a QA team, and designed/implemented a CI/CD pipeline for hardware/firmware testing (including real wearable devices), resulting in an 85% reduction in release cycle time and significantly enhanced product reliability in an agile environment.

- Established comprehensive QA processes and drove collaborative implementation across departments, leading to 78% fewer critical defects reported post-release and improved overall team alignment on quality standards.
- Engineered an automation framework for firmware testing that achieved 60% greater test coverage and reduced manual testing efforts by 16 hours per release cycle.
- Developed a comprehensive suite of test scripts covering all testing areas of wearable devices, ensuring thorough product validation and minimizing the risk of functional issues during end-user testing in addition of black box and white box testing.
- Implemented scripts for generating synthetic sleep and activity data for comprehensive testing scenarios, enabling robust data analysis and performance evaluation, and significantly improving data-driven testing accuracy for firmware and hardware.
- Managed and coordinated both on-premises and off-premises resources, optimizing resource allocation and project execution efficiency across all testing initiatives, including managing 3rd party relationships and deliverables.
- Collaborated on Design Verification Testing (DVT) for Pison Technology, including writing all test scripts needed to verify new hardware iterations and functionality.

Health Data Analytics Institute (HDAI), Dedham, MA   2021-2024

Senior Director of Quality Assurance
- Built a QA team of 8 people from the ground up, including both on-site and off-site team members.
- Coordinated cross-functional collaboration for release processes and branching strategies.
- Defined key measurements to quantify and benchmark QA effectiveness, resulting in a 68% improvement in story rejection rate and a 12% increase in defect detection effectiveness.
- Designed and implemented a Release Process that reduced release time from quarterly to weekly.
- Designed and implemented automation frameworks for HDAI product suite, achieving 82% code and functionality coverage in just 3 months, resulting in a 60% reduction in testing time.
- Defined and executed a comprehensive software quality strategy at every stage that was part of a robust CI/CD strategy, allowing the company to move closer to daily releases.
- Implemented FHIR and BCDA mock servers for functional and performance testing, resulting in ability to do more comprehensive testing of these features.

ASICS Digital, Boston, MA   2018-2021

Director of Quality Assurance
- Built a global QA team of 15 people from the ground up with an emphasis on Quality Mindset and automation, which allowed us to implement quality at every stage of SDLC.
- Initiated designing and implementing Engineering Career Framework to help people grow their careers.
- Facilitated cross-functional collaboration with internal and external stakeholders.
- Defined key measurements to quantify and benchmark QA effectiveness, adjusting processes for continuous improvement, which decreased the number of defects getting to production by 87%.

- Optimized release processes, achieving daily releases.
- Initiated Site Speed project, which decreased page load for mobile, tablet, and desktop devices globally by 90%.
- Designed and implemented automation frameworks for global e-commerce and mobile applications, taking into consideration multiple brands and locals, achieving 91% code and functionality coverage in just 6 months, resulting in a 50% reduction in testing time.
- Defined and executed a comprehensive software quality strategy at every stage that was part of a robust CI/CD strategy, allowing us to move fast (daily releases) in order to deliver value to the customers.

PREVIOUS EXPERIENCE:

Digital Quality Manager, Cimpress, Waltham, MA	2016-2018
Principal Software Engineer in Test, OneCloud Software, Boston, MA	2014-2016
QA Manager, SilkRoad Technology, Bedford, MA	2012-2014
QA Manager, Avenue100, Woburn, MA	2010-2012
Operations Manager (QA), Helium, Inc., Andover, MA	2006-2010

EDUCATION AND TRAINING:

Master of Science in Computer Information Systems, University of Phoenix, Phoenix, AZ	2002-2004
Bachelor's Degree of Science in Computer Science, Salem State University, Salem, MA	1994-2000
OWASP Boston PWAPT Training (Developer Edition), Boston MA	2016