Sean Xu

SUMMARY

A self-managed and result-oriented technical professional with **20+ years** of progressive experience and proven record of significant successful contribution in both **software and hardware quality assurance, project management, process improvement, spec analysis & evaluation, development methodologies, and release managemen**t in a wide range of organizations that have various technologies. Proven record in delivering high quality product on schedule with measurable risk assessment.

AREAS OF EXPERTISE

- **SaaS** application and products
- **Agile**/Scrum & CD/CI
- Testing in **Automation, API**, and **Load/ Stress**
- Amazon AWS Cloud deployment
- Release management

- Programming skills**: Python, Java, SQL,** C/ C++, PHP, Javascript, HTML, JSON, XML
- Tools: **Selenium, Appium, Postman**, Jmeter, PHPUnit, JUnit, Testlink, Hudson, & Jenkins
- Managed **20+ onshore & offshore** engineers

EXPERIENCE

Scrum Master / Director of Quality Assurance
Zypmedia | Jan 2020 – April 2020
- Played a role as scrum-master to monitor and smooth the agile process
- Coordinated with PM and ENG teams on requirement specification and clarification
- Refined staging and release process as on-going basis to achieve quality goals
- Maintained a set of Quality metrics and KPI to track and measure quality goals
- Established QA strategy and process to enhance product quality
- Built and managed offshore 7 engineers to fulfill the technical goal
- Built automation framework to increase coverage and efficiency by machine testing

Head of Quality Assurance
STRATIM (Acquired by KAR Global) | April 2015 – Jan 2020
- Established and exercised agile development methodology
- Coordinated with PM and ENG teams on requirement specification and clarification
- Refined staging and release process as on-going basis to achieve quality goals
- Maintained a set of Quality metrics and KPI to track and measure quality requirements
- Practiced Continuous Deployment release methodology with corresponding testing approach
- Built and managed onshore and offshore 10 engineers to fulfill the technical goal and financial ROI
- Built automation framework for various projects including QA testing and Operation purpose

Director of Technology
Availink | April 2013 – Feb 2015

- Coordinated with PM, R&D, and Hardware teams on requirement specification and clarification
- Coordinated with software and hardware teams to deliver DVB+OTT solution on SoC product
- Planed and scheduled projects/tasks in priorities to serve various customer needs
- Established and exercised agile development methodology in software implementation and deliverables
- Established release process for both internal and external releases
- Built and expanded technical team to fulfill the project needs and technical support
- Managed total 20+ engineers in functional, integration, automation, regression, and system testing
- Implemented QA process for multiple functional layers to deliver a turnkey solution on schedule

Quality Assurance & Release Manager
Adap.tv (Acquired by AOL) | April 2009 – April 2013
- Managed 10+ QA engineers in functional, integration, automation and regression testing
- Planed and scheduled projects/tasks in priorities
- Implemented and executed QA process
- Developed and reviewed test plans and test cases
- Coordinated with Product Management and Engineering on requirement clarification
- Managed release process for weekly patches and major milestones

Technical Testing Lead
Cisco Systems (CMSG) | Sept 2007 – April 2009
- Led Sr. white-box engineer in Junit testing for back-end service
- Evaluated automation and load test tools for a web 2.0 application - EOS
- Setup and configured Selenium RC test framework with PHPUnit;
- Developed and implemented test plan for eOS platform, i.e. user & media management; site customization
- Designed and implemented automated test bed for site/module customization
- Setup and configured Cruise Control for integrated build and test monitoring
- Configured, implemented, and conducted load tests based on Tsung open source project
- Trained developers on implementing PHP unit tests

Quality Assurance & Release Manager
MediaZone (A division of MIH Ltd) | Jan 2006 - Sept 2007
- Built QA team to fulfill the project needs and technical support from scratch
- Managed 15+ QA engineers in functional, integration, automation and regression testing
- Coordinated with PM, Ops, Development, and Marketing on requirement clarification
- Planed and scheduled projects/tasks in priorities
- Implemented and executed QA process
- Developed and reviewed test plans for various portals/projects
- Conducted Peer-to-Peer platform and client testing
- Conducted performance tests for web portals and live events such as Wimbledon, FIBA and NY Marathon
- Managed weekly QA and release for web portals such as Chinese.aol.com and Chinaportal.com

Quality Assurance Lead
ezboard (Acquired by KickApps) | Jan 2005 - Dec 2005
- Managed QA engineers for both manual and automated testing
- Designed and developed automated testing frame and testing scripts for a web 2.0 platform
- Developed and managed test plans and test cases
- Conducted compatibility test on cross browsers for JavaScript, HTML, and CSS
- Conducted stress and performance test for web server loads

Technical Lead

Stockcatcher | Oct 2003 - Jan 2005
- Built QA team to fulfill project needs and technical support
- Managed QA engineers for both manual and automated testing
- Developed and managed test plans and test cases
- Designed and developed automated testing frame and testing scripts
- Conducted functional test on core analysis and web-based applications
- Conducted compatibility test on cross browsers for JavaScript, HTML, and CSS
- Conducted stress and performance test for web server loads and optimization issues

CAD Tool Design Engineer

Cypress Semiconductor | Sept 2002 - June 2003
- Successfully and independently completed the project on full development cycle
- Developed and maintained web-based application for Frame-Request Processing
- Developed test plan and test cases for QA process
- Supported and maintained Tape-out Paperwork Automation software
- Developed Tape-out Paperwork Automation tool for tape out process
- Designed and developed application graphic user interface

Software Engineer

Compression Science | June 2000 - April 2002
- Conducted visual tests on video sequences as outcome from the new codec
- Conducted automated test on SNR of video sequences
- Assisted Sr. Scientists to develop functional scripts

Application Engineer

Millennium Multimedia Technology | Apr 1999 - June 2000
- Tested streaming video with different bit rate on video-on-demand system
- Tested streaming video on Windows Media Player, Real Player, and Quick Time
- Tested embedded web GUI for all-in-one content creation application
- Tested User Interface on multiple operating systems

EDUCATION

M.S. Degree in MSE of Software System,	San Jose State University	Overall GPA: 3.4/4.0
B.S. Degree in Computer Engineering,	San Jose State University	Overall GPA: 3.32/4.0